

## NEWFIELD



December 8, 2004

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill:  
Ashley Federal 2-23-9-15  
Ashley Federal 4-23-9-15 ✓  
Federal 4-7-9-18  
Federal 9-7-9-18  
Federal 16-7-9-18  
Pariette Draw Federal 7-23R-8-17

Dear Diana:

Enclosed find APD's on the above referenced wells. The 7-23R-8-17 is an Exception Location. The our Land Department has been notified and they will be sending the required Exception Location Letter. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED

DEC 13 2004

DIV. OF OIL, GAS & MINING

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

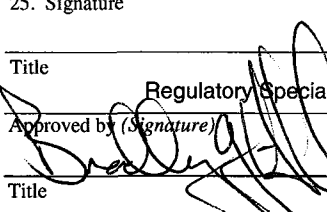
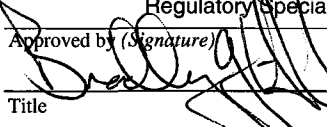
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-68548
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production		7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal 4-23-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-32736
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 575' FNL 683' FWL 567781X 40.022077 At proposed prod. zone 4430360Y - 110.205707		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 15.9 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area NW/NW Sec. 23, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 745' f/lse & 5963' f/unit	16. No. of Acres in lease 711.22	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1382'	19. Proposed Depth 6000'	20. BLM/BIA Bond No. on file UTU0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6277' GL	22. Approximate date work will start* 2nd Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 12-15-04
Title ENVIRONMENTAL SCIENTIST III		

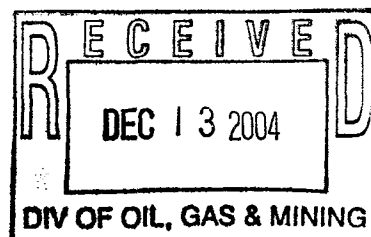
Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

**Federal Approval of this  
Action is Necessary**



*INLAND PRODUCTION COMPANY*

1910 Brass Cap

S89°55'51"W - 2639.31' (Meas.)

S89°54'16"W - 2644.78' (Meas.)

1910 Brass Cap

Corner missing. (Reestablished Proportionately)

575'

683'

200'

DRILLING WINDOW

N00°01'W (G.L.O.)

N00°00'07"W - 2643.12' (Meas.)

1910 Brass Cap

23

WELL LOCATION:  
ASHLEY UNIT #4-23

ELEV. UNGRADED GROUND = 6276.8'

N00°04'53"W - 2644.62' (Meas.)

1910 Brass Cap

1910 Brass Cap

1910 Brass Cap

N00°01'W G.L.O. (Basis of Bearings)  
2631.22' (Measured)

N00°01'W (G.L.O.)

N00°01'W - 2644.96' (Meas.)

S89°56'10"W - 2642.56' (Meas.)

S89°37'10"W - 2633.21' (Meas.)

1910 Brass Cap

1910 Brass Cap

S89°57'W - 80.06 (G.L.O.)

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES, ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

~~STACY W  
STEWART~~

REGISTERED LAND SURVEYOR  
REGISTRATION No. 189377  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: C.M.

DATE: 9-14-04

DRAWN BY: F.T.M.

NOTES:

FILE #

 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #4-23-9-15  
NW/NW SECTION 23, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 1640'
Green River	2525'
Wasatch	6000'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2525' - 6000' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.



NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #4-23-9-15  
NW/NW SECTION 23, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #4-23-9-15 located in the NW 1/4 NW 1/4 Section 23, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 9.5 miles  $\pm$  to it's junction with an existing road to the northwest; proceed northwesterly and then southwesterly - 2.9 miles  $\pm$  to it's junction with an existing road to the east; proceed easterly - 0.1 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road 1,240'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area have been previously submitted and are on file with the Bureau of Land Management. MOAC Report #03-59, 9/15/03. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

For the Ashley Federal #4-23-9-15 Newfield Production Company requests 1,240' of disturbed area be granted in Lease UTU-68548 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1,240' of disturbed area be granted in Lease UTU-68548 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

**Sage Grouse:** No new construction or surface disturbing activities will be allowed between March 1 and June 30 due to the location's proximity (2 mile radius) to Sage Grouse strutting grounds.

**Reserve Pit Liner**

Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Beardless Bluebunch Wheatgrass	<i>Agropyron Spicatum Var. Inerme</i>	5 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	6 lbs/acre
Black Sage	<i>Artemisia Nova</i>	1 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal #4-23-9-15 was on-sited on 4/15/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), Byron Tolman (Bureau of Land Management), and a SWCA representative. Weather conditions were clear at 40 degrees.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Brad Mecham  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #4-23-9-15 NW/NW Section 23, Township 9S, Range 15E: Lease UTU-68548 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

12/8/04

Date

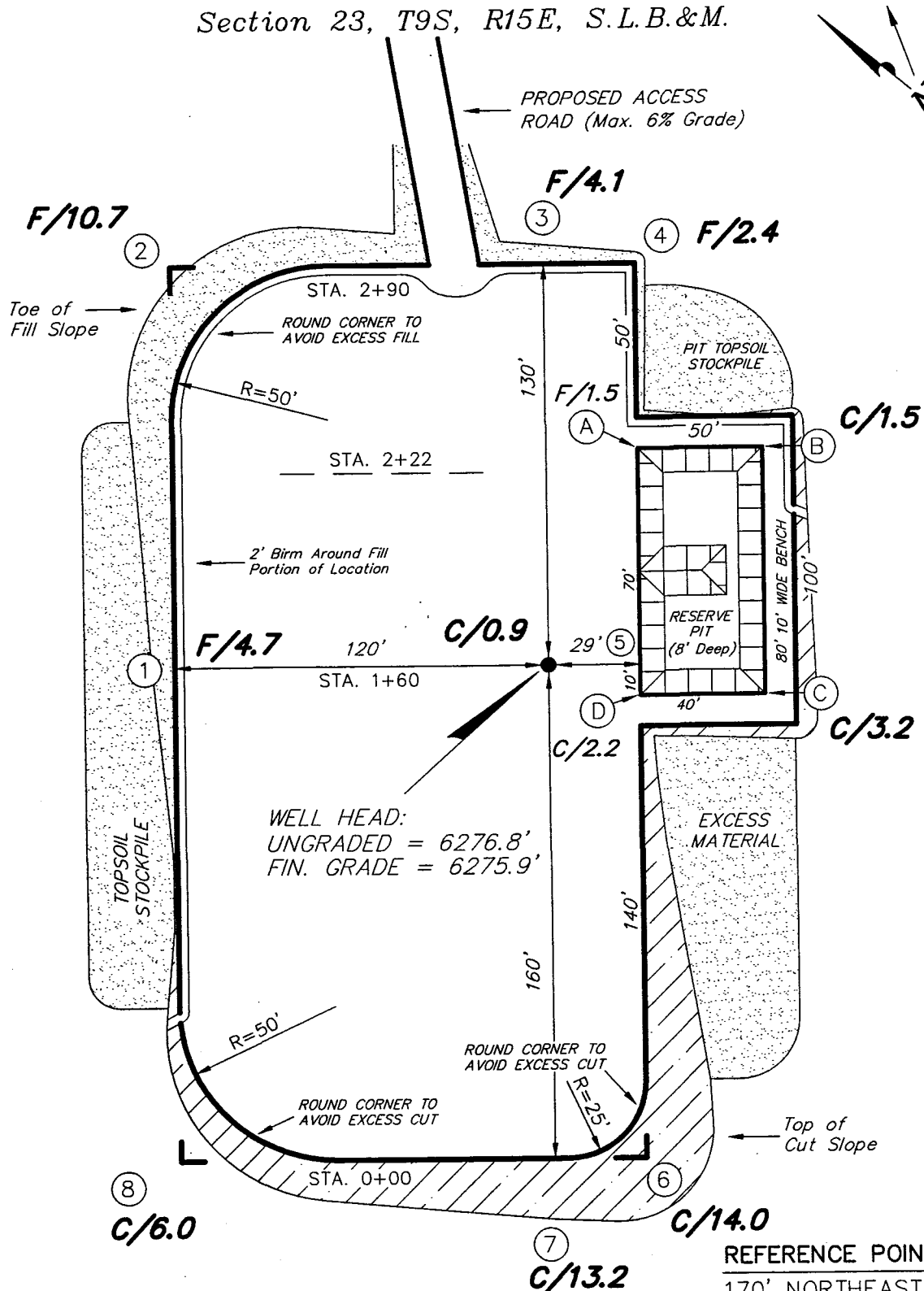


Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# INLAND PRODUCTION COMPANY

## ASHLEY UNIT 4-23

Section 23, T9S, R15E, S.L.B.&M.



### REFERENCE POINTS

170' NORTHEAST = 6271.6'  
 220' NORTHEAST = 6273.3'  
 170' NORTHWEST = 6269.7'  
 220' NORTHWEST = 6269.8'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

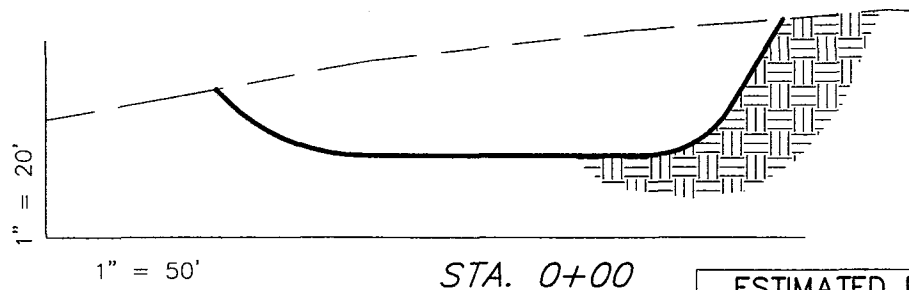
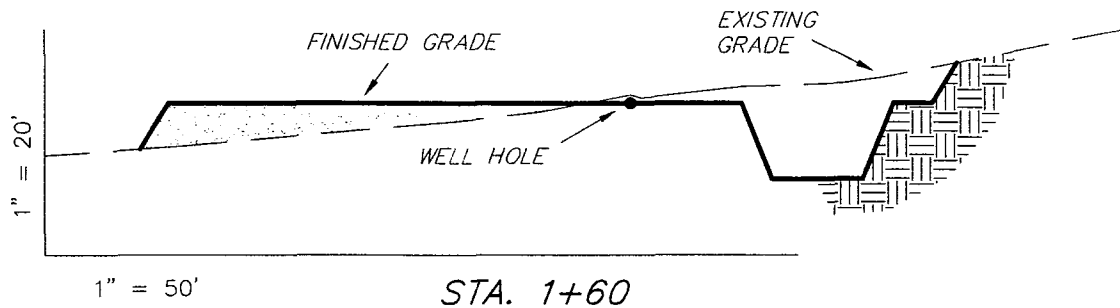
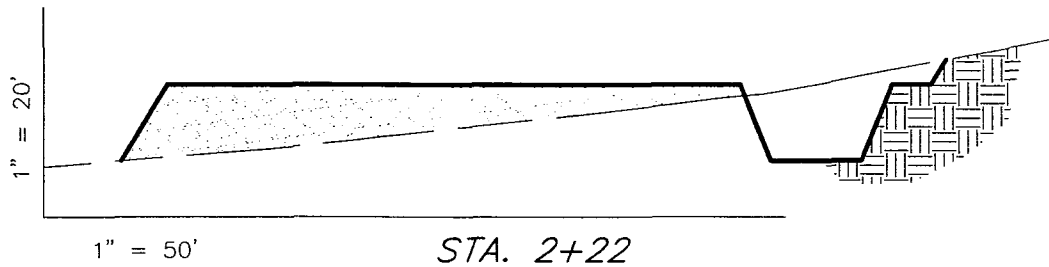
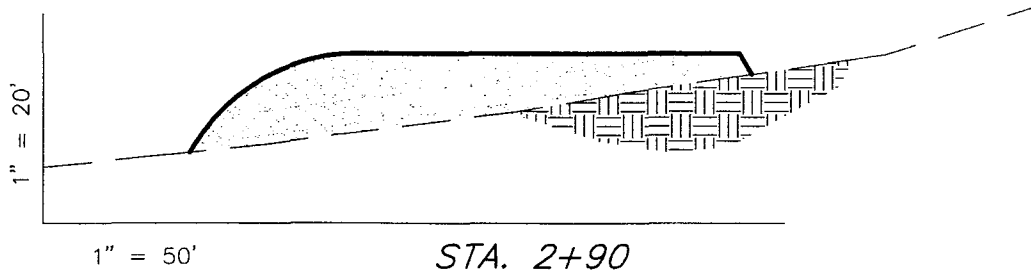
DATE: 9-14-04

**Tri State**  
 Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**ASHLEY UNIT 4-23**



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,410	4,400	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	5,050	4,400	890	650

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

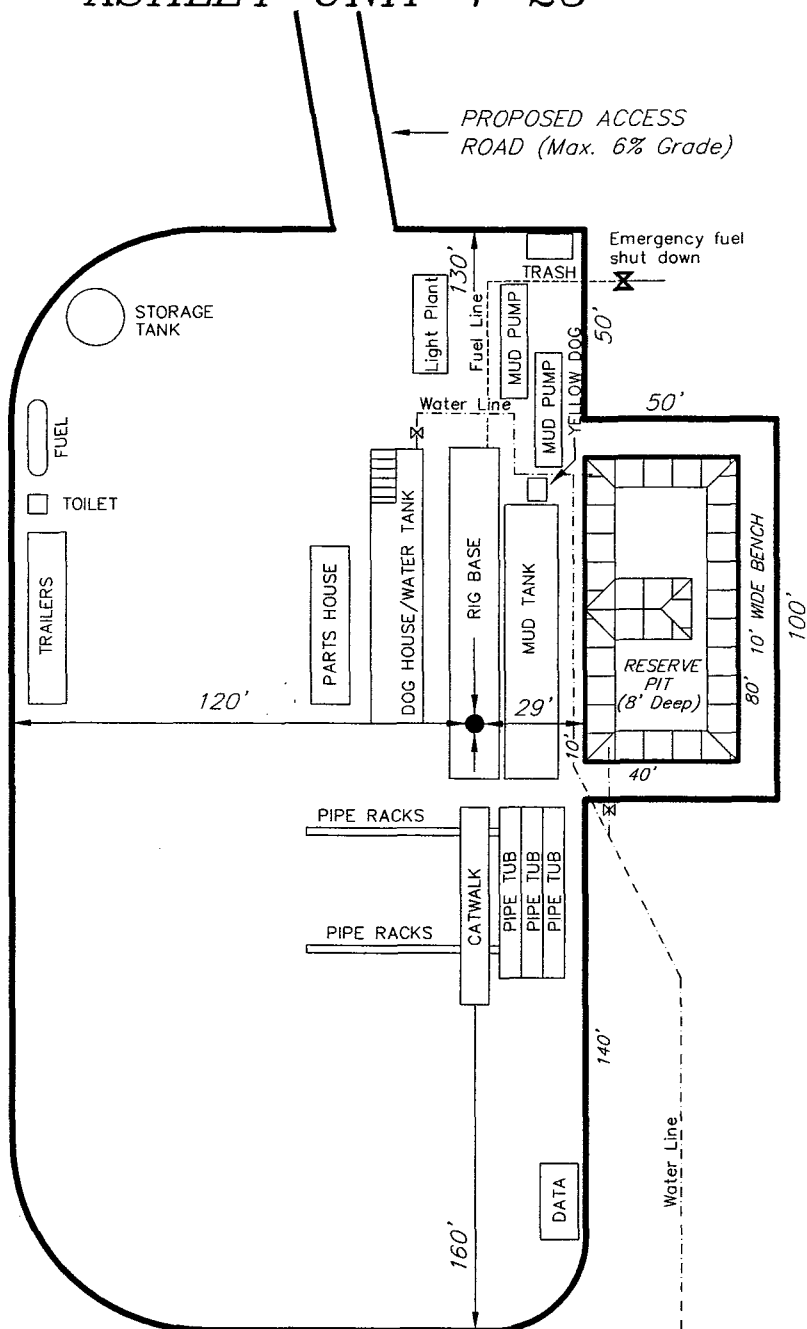
DATE: 9-14-04

**Tri State**  
**Land Surveying, Inc.**  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 4-23



SURVEYED BY: C.M.

SCALE: 1" = 50'

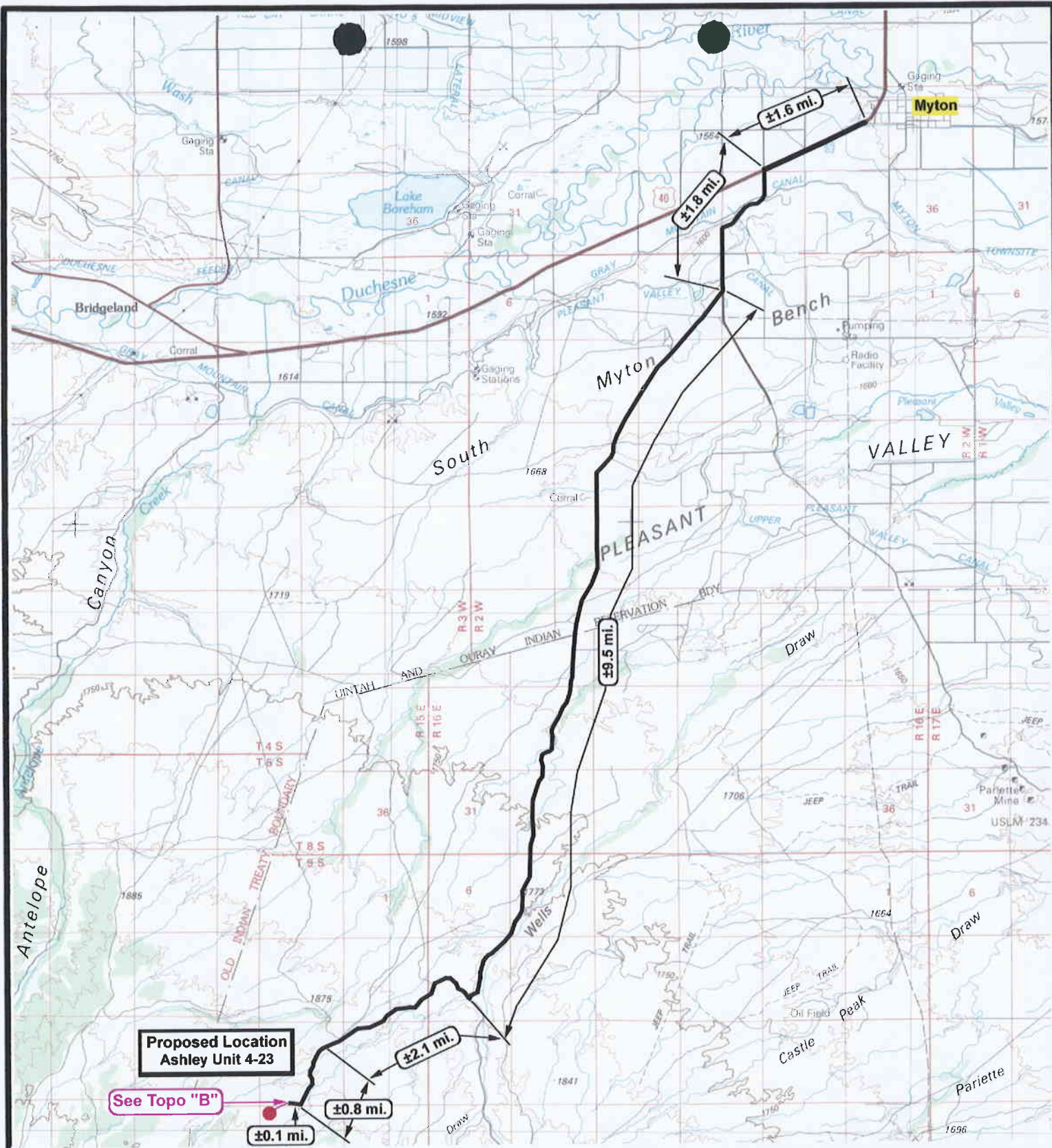
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DATE: 9-14-04

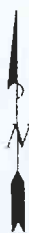
**Tri State**  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**Ashley Unit 4-23**  
**SEC. 23, T9S, R15E, S.L.B.&M.**



**Tri-State**  
**Land Surveying Inc.**  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 100,000  
 DRAWN BY: bgm  
 DATE: 09-15-2004

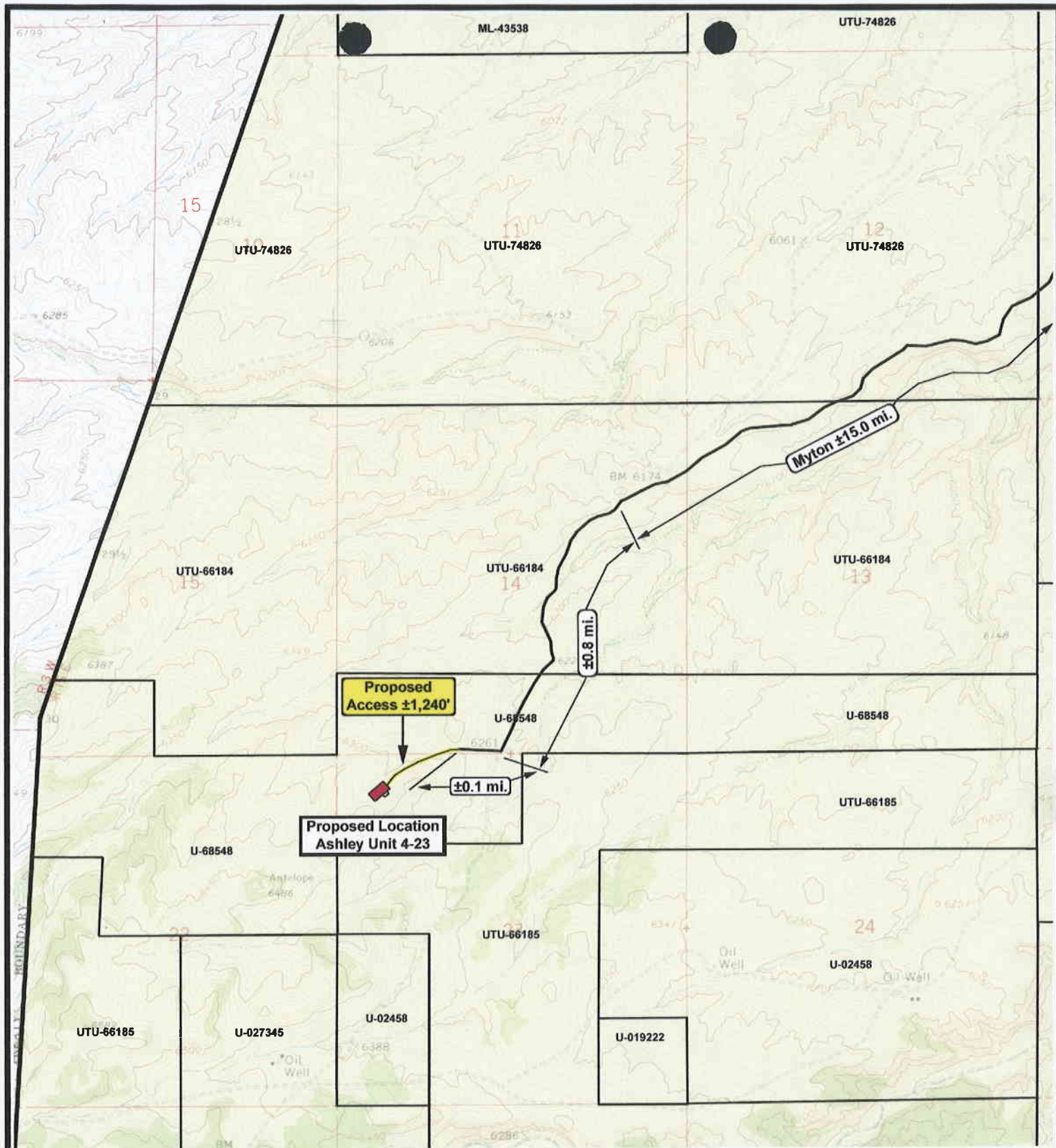
**Legend**

Existing Road  
 Proposed Access

TOPOGRAPHIC MAP

**"A"**





**Ashley Unit 4-23**  
**SEC. 23, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

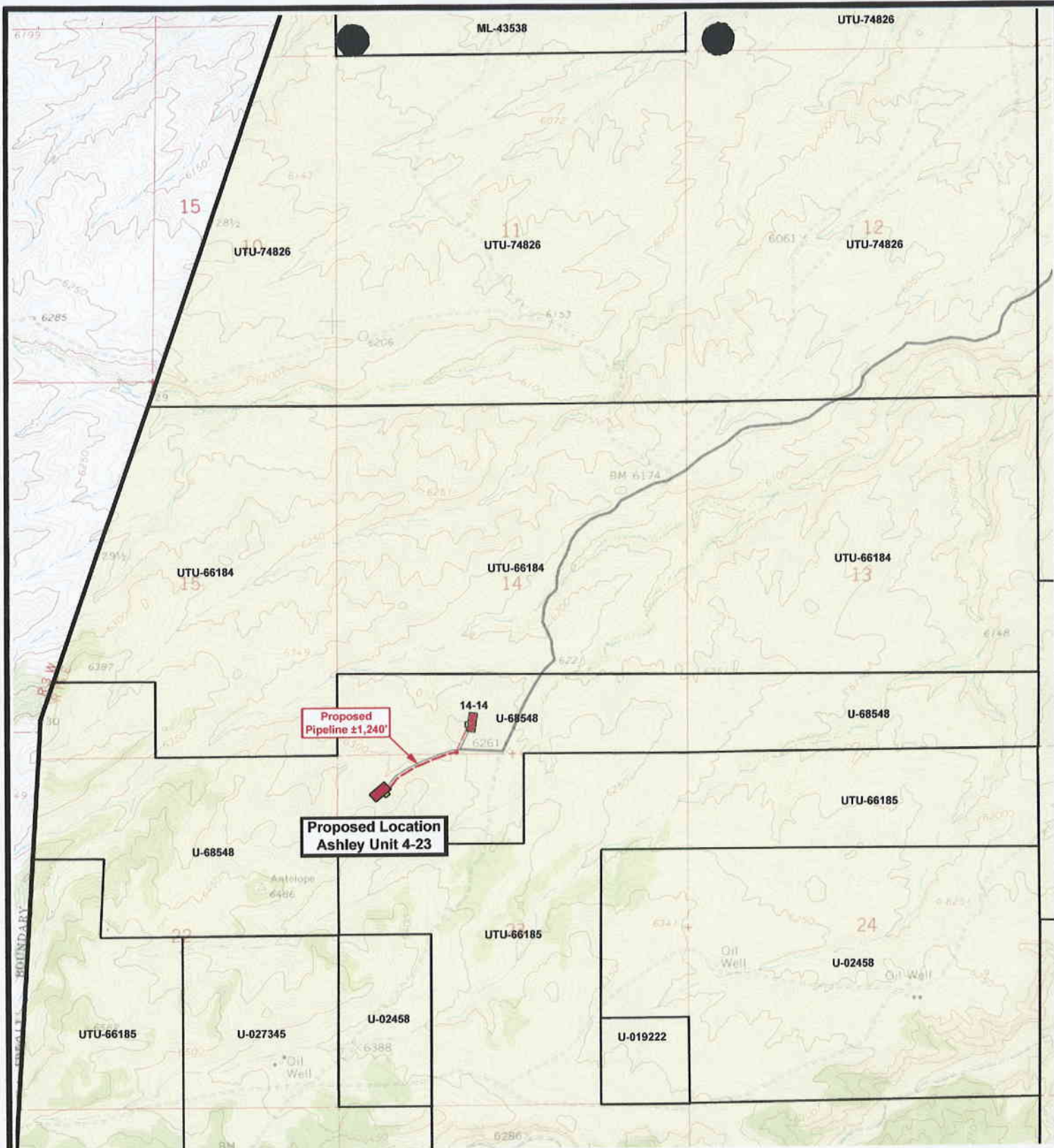
SCALE: 1" = 2,000'  
 DRAWN BY: bgm  
 DATE: 09-15-2004

**Legend**  
 Existing Road  
 Proposed Access

TOPOGRAPHIC MAP

**"B"**





**Ashley Unit 4-23**  
**SEC. 23, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**  
**DRAWN BY: bgm**  
**DATE: 09-15-2004**

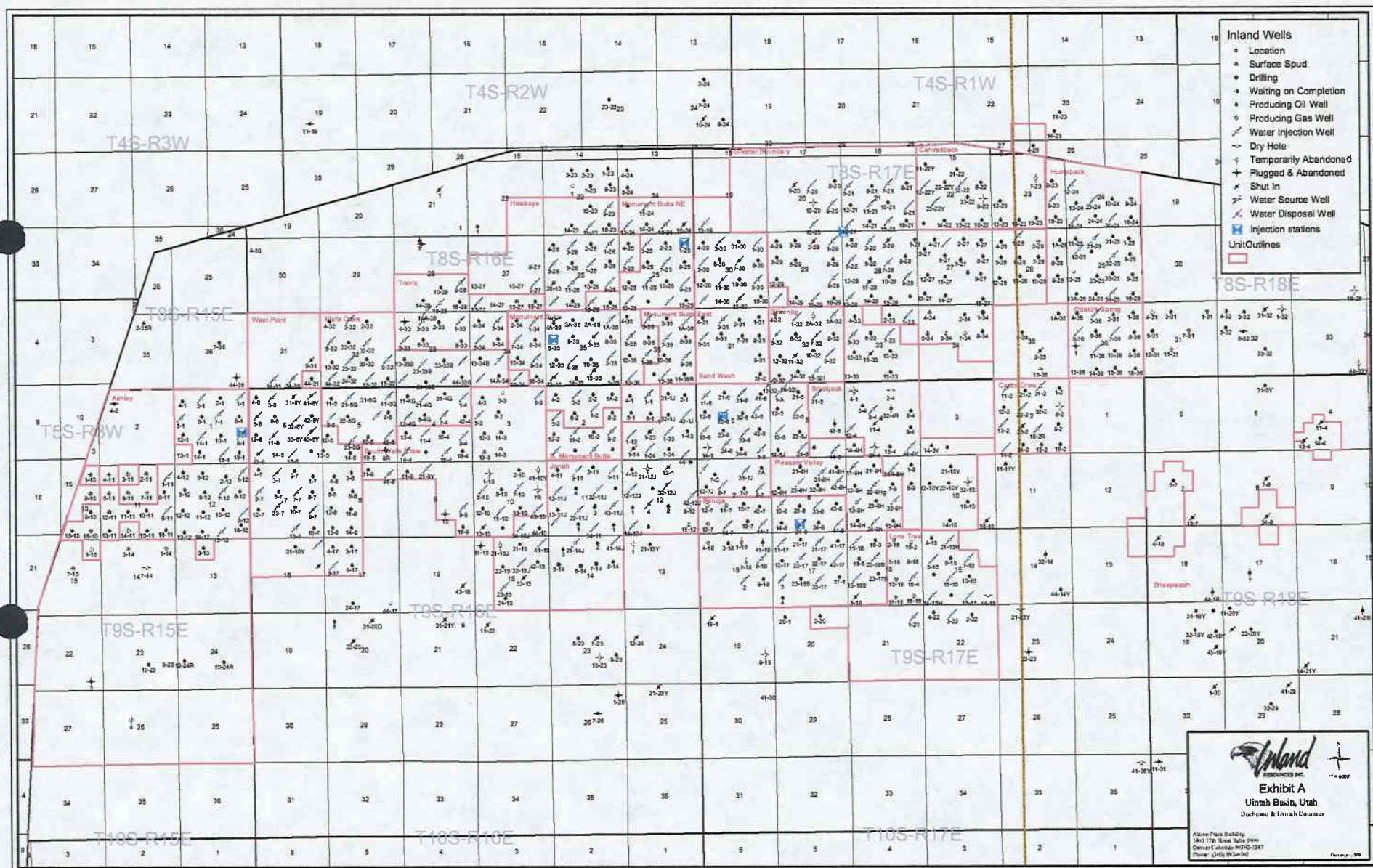
**Legend**

- Existing Road
- Proposed Access
- Proposed Gas Line

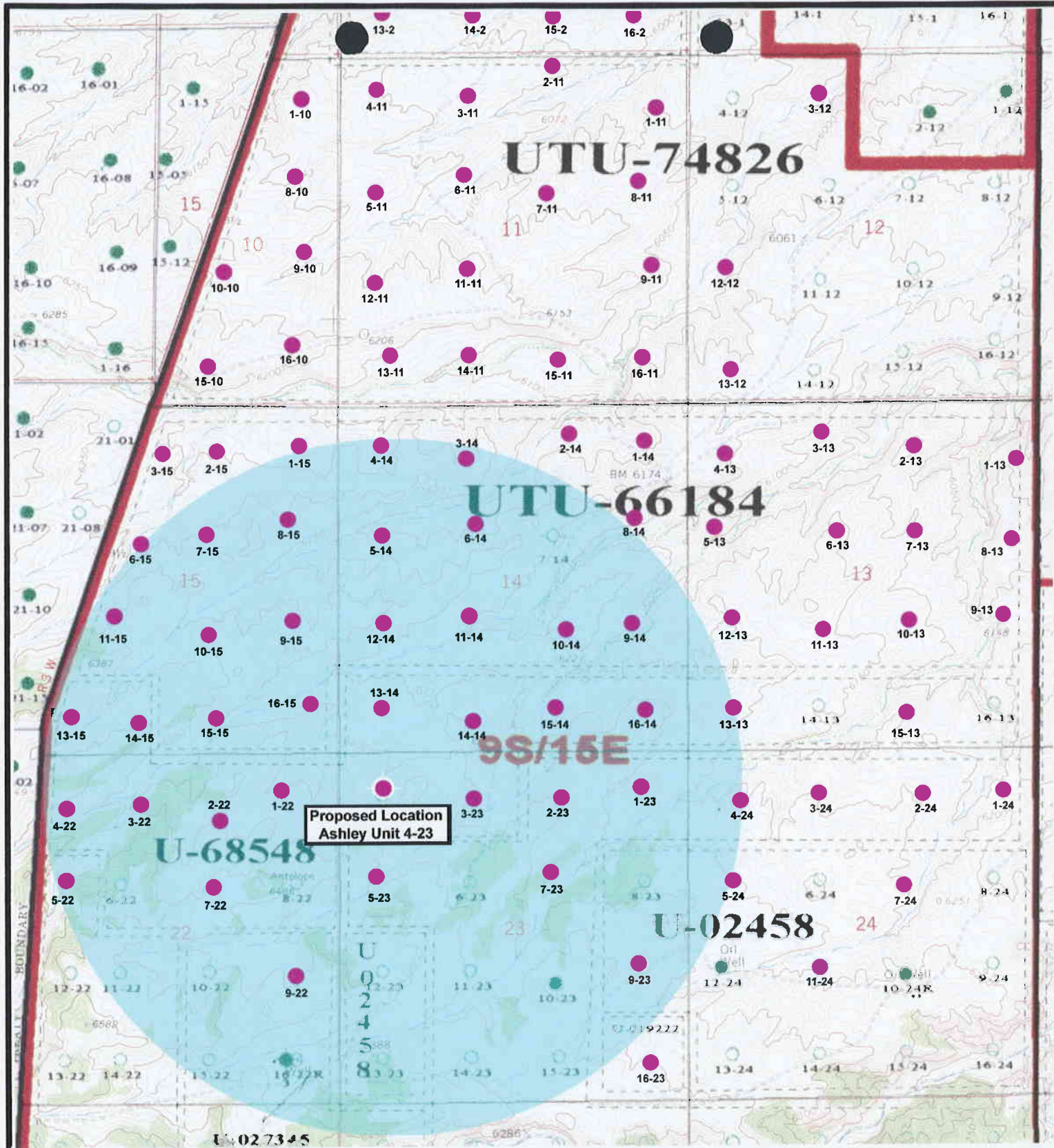
**TOPOGRAPHIC MAP**

**"C"**









**Ashley Unit 4-23**  
**SEC. 23, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: bgm  
 DATE: 09-15-2004

**Legend**

- Well Locations
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

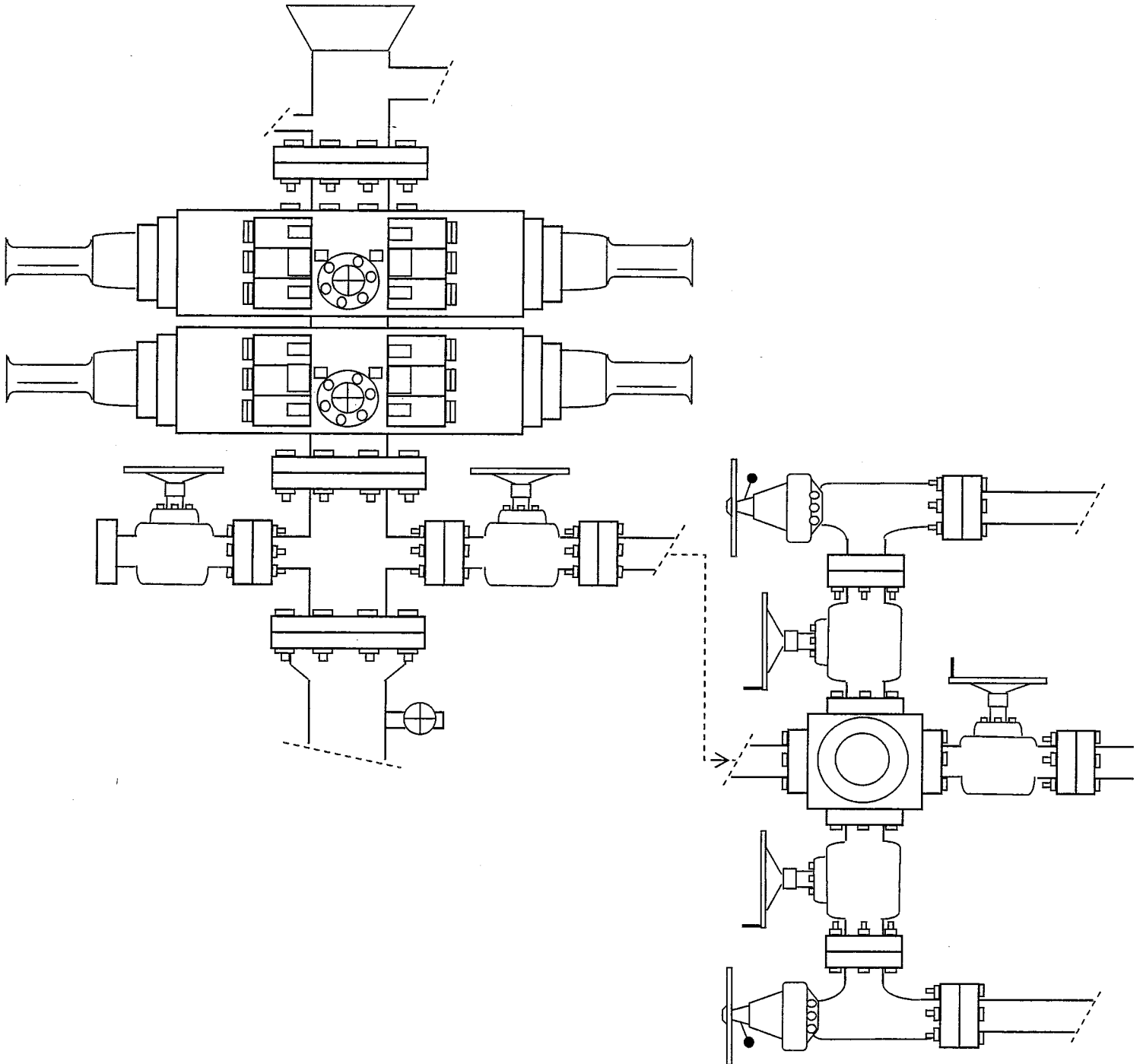


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
INLAND RESOURCES' 1573 ACRE ASHLEY UNIT, IN  
TOWNSHIP 9S, RANGE 15E, SECTIONS 22, 23 AND 24,  
DUCHESNE COUNTY, UTAH

By:

Christopher M Nicholson  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
Vernal, Utah

Prepared Under Contract With:

Inland Resources  
Route 3, Box 3630  
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

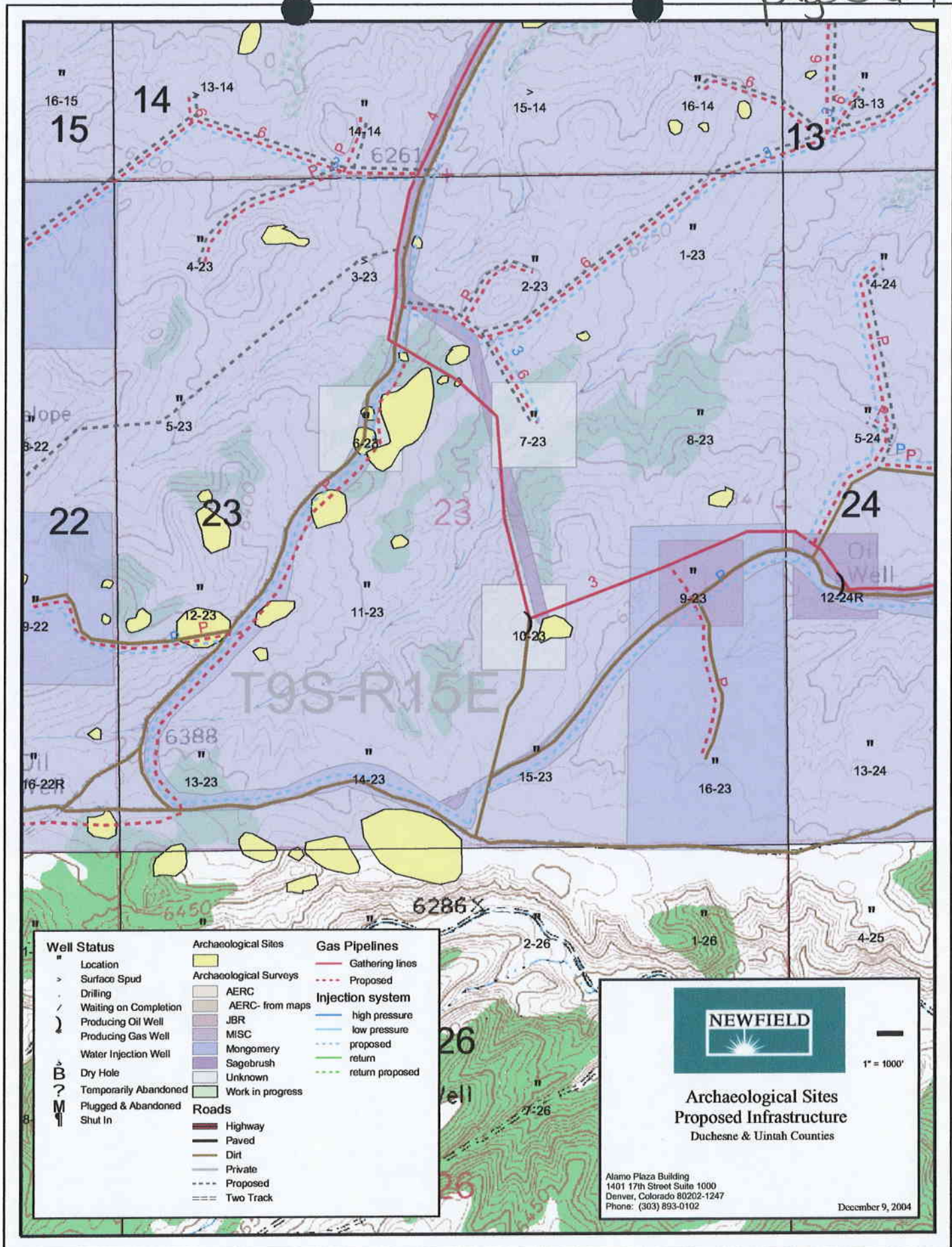
MOAC Report No. 03-59

September 15, 2003

United States Department of Interior (FLPMA)  
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-03-MQ-0392b





**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE AND UTAH COUNTIES, UTAH**

(Section 35, T 8 S, R 17 E; Sections 13, 14, 23, 24, T 9 S, R 17 E; NE 1/4, NE 1/4,  
Section 15, T 9 S, R 17 E; Sections 18, 19, T 9 S, R 18 E; Sections  
2, 3, 10 and western half of Section 11, T 9 S, R 15 E)

**REPORT OF SURVEY**

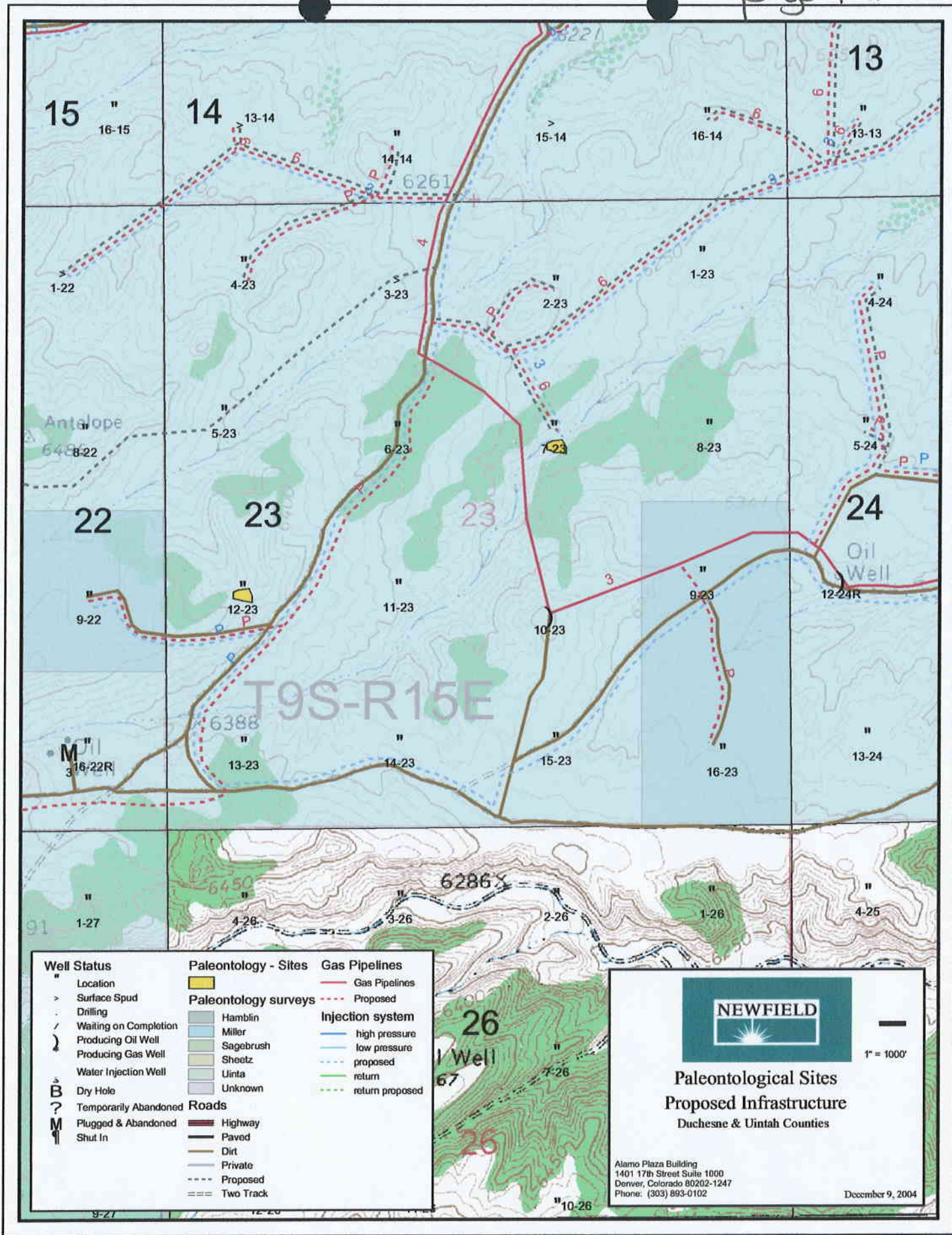
Prepared for:

**Inland Resources, Inc.**


Prepared by:

Wade E. Miller  
Consulting Paleontologist  
July 28, 2003





Well Status	Paleontology - Sites	Gas Pipelines
" Location	Yellow box	— Gas Pipelines
> Surface Spud		--- Proposed
• Drilling		
/ Waiting on Completion		
⌋ Producing Oil Well	Hamblin	Injection system
⌋ Producing Gas Well	Miller	— high pressure
⌋ Water Injection Well	Sagebrush	— low pressure
⌋ Dry Hole	Sheetz	--- proposed
⌋ Temporarily Abandoned	Uinta	--- return
⌋ Plugged & Abandoned	Unknown	--- return proposed
⌋ Shut In		
	<b>Roads</b>	
	— Highway	
	— Paved	
	— Dirt	
	— Private	
	--- Proposed	
	--- Two Track	



**NEWFIELD**

**Paleontological Sites  
Proposed Infrastructure**

Duchesne & Uintah Counties

1" = 1000'

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

December 9, 2004



005

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/13/2004

API NO. ASSIGNED: 43-013-32736

WELL NAME: ASHLEY FED 4-23-9-15OPERATOR: NEWFIELD PRODUCTION ( N2695 )CONTACT: MANDIE CROZIERPHONE NUMBER: 435-646-3721

## PROPOSED LOCATION:

NWNW 23 090S 150E

SURFACE: 0575 FNL 0683 FWL

BOTTOM: 0575 FNL 0683 FWL

DUCHESNE

MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-68548

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02208

LONGITUDE: -110.2057

## RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTU0056 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

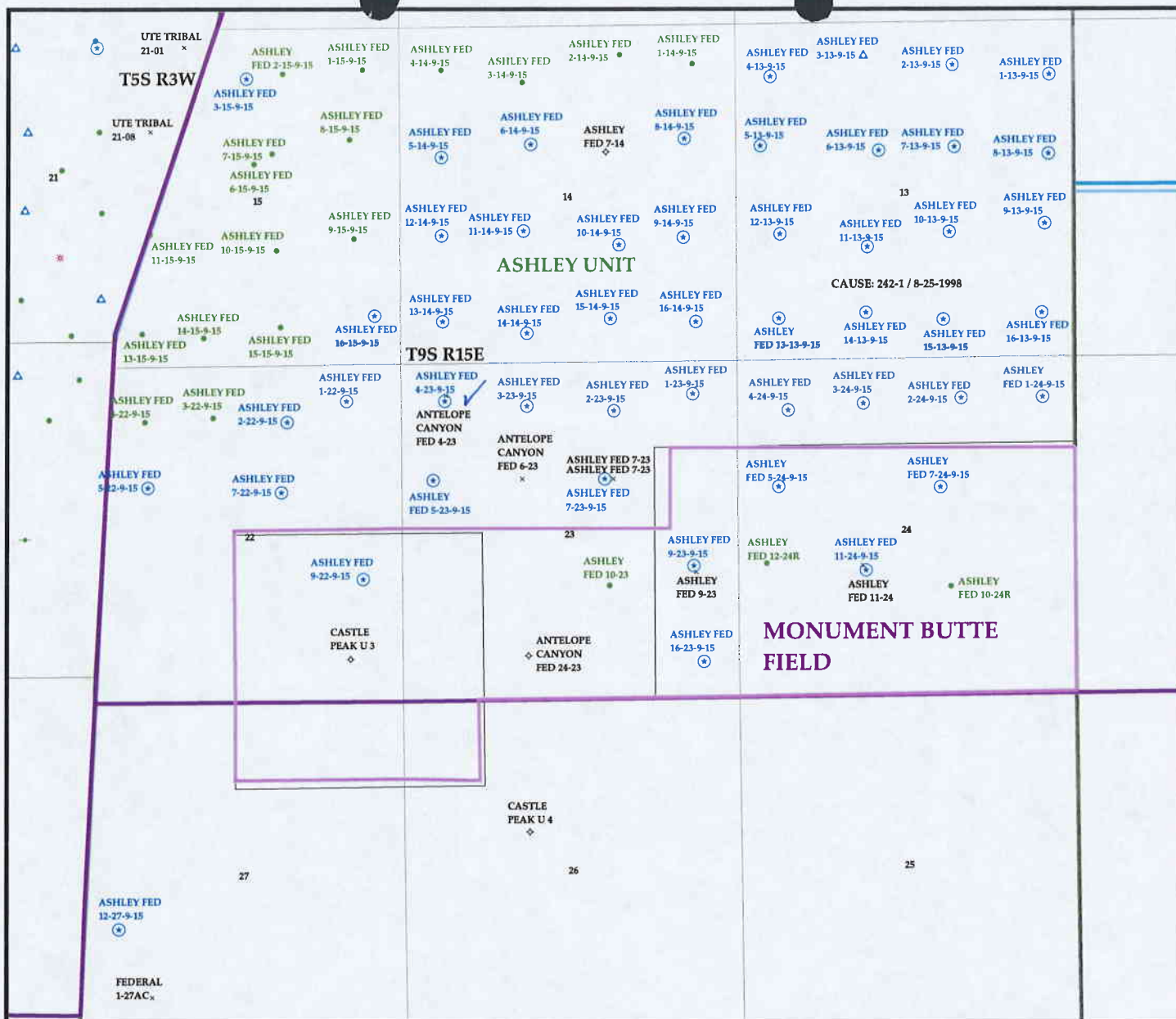
\_\_\_\_ R649-2-3.  
Unit ASHLEY  
\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: Suspends General Siting  
\_\_\_\_ R649-3-11. Directional Drill

COMMENTS:

SOP, Separate FW

STIPULATIONS:

1- Federal Approval



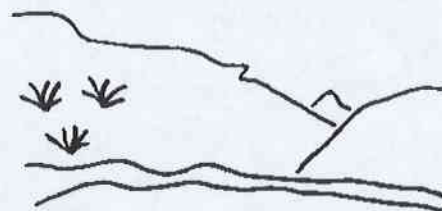
OPERATOR: NEWFIELD PROD CO (N2695)

SEC. 23 T.9S R.15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998



Utah Oil Gas and Mining

#### Wells

- ⊗ GAS INJECTION
- ⊙ GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ⊖ PLUGGED & ABANDONED
- ⊛ PRODUCING GAS
- PRODUCING OIL
- ⊖ SHUT-IN GAS
- ⊖ SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ⊕ WATER SUPPLY
- ⊖ WATER DISPOSAL

#### Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 15-DECEMBER-2004

## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

## IN REPLY REFER TO:

3160

(UT-922)

December 15, 2004

## Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2004 Plan of Development Ashley Unit,  
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Ashley Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32736	Ashley Fed 4-23-9-15 Sec 23 T09S R15E 0575 FNL 0683 FWL	
43-013-32735	Ashley Fed 2-23-9-15 Sec 23 T09S R15E 0754 FNL 1957 FEL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Ashley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:12-15-04



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

MARY ANN WRIGHT  
*Acting Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

December 15, 2004

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Ashley Federal 4-23-9-15 Well, 575' FNL, 683' FWL, NW NW, Sec. 23,  
T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32736.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Newfield Production Company  
**Well Name & Number** Ashley Federal 4-23-9-15  
**API Number:** 43-013-32736  
**Lease:** UTU-68548

**Location:** NW NW                      **Sec.** 23                      **T.** 9 South                      **R.** 15 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

RECEIVED

DEC 15 2004

BLM VERNAL, UTAH

007

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

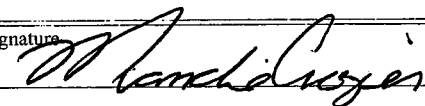
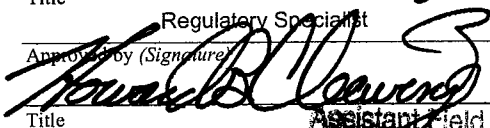
5. Lease Serial No. UTU-68548
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. Ashley
8. Lease Name and Well No. Ashley Federal 4-23-9-15
9. API Well No. 43-013-32736
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NW/NW Sec. 23, T9S R15E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	
2. Name of Operator Newfield Production	
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/NW 575' FNL 683' FWL At proposed prod. zone	
14. Distance in miles and direction from nearest town or post office* Approximately 15.9 miles southwest of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 745' f/see & 5963' f/unit	16. No. of Acres in lease 711.22
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1382'	19. Proposed Depth 6000'
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6277' GL	22. Approximate date work will start* 2nd Quarter 2005
23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 12/14/04
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Howard Weaver	Date 05/17/2005
Title Assistant Field Manager Mineral Resources	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

MAY 24 2005

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

05LW0673A

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Operator/Company: Newfield Production Co.  
Well Name/Number: Ashley Federal 4-23-9-15  
API Number: 43-013-32736  
Location: NWNW Sec Tship Rng.: 23, T9S, R15E  
Lease Number: UTU-68548  
Agreement Name (If Applicable): N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

**Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).**

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood      435) 828-7874  
Petroleum Engineer

Michael Lee          (435) 828-7875  
Petroleum Engineer

BLM FAX Machine 435) 781-4410

Base of highest usable water flows is approximately 320 feet which is within the vicinity of the proposed setting depth of 290 feet for the surface casing. To protect and isolate the usable water, the operator is required to complete 'one' of the two described actions as follows:

(1.) Change the proposed setting depth of the surface casing to a depth deeper than 520 feet which provides a isolation or separation minimum of two hundred feet (200') below the base of usable water or

(2.) For the cementing program of the casing string opposite the usable water, presumably the production casing, the circulation or top of cement on the production string is to be 120 feet or higher, which is two hundred feet above the estimated usable water flow of 320 feet



Company/Operator: Newfield Production Company

API Number 43-013-32736

Well Name & Number: Federal 4-23-9-15

Lease Number: U-68548

Location: NWNW Sec. 23 T. 9 S. R. 15 E.

Surface Ownership: BLM

Date NOS Received: None

Date APD Received: 12-15-04

-None. All required stipulations are included in the APD.

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 4-23-9-15

Api No: 43-013-32736 Lease Type: FEDERAL

Section 23 Township 09S Range 15E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

### SPUDDED:

Date 07/06/05

Time 11:30 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by JUSTIN CRUM

Telephone # 1-435-823-6733

Date 07/06/2005 Signed CHD

RECEIVED

JUL 06 2005

DIV. OF OIL, GAS &amp; MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY

ADDRESS: RT. 3 BOX 3630

MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14811	43-013-32645	Ashley Federal 2-24-9-15	NW/NE	24	9S	15E	Duchesne	6/30/2005	7-6-05
WELL 1 COMMENTS: GRRV											
A	99999	14812	43-013-32736	Ashley Federal 4-23-9-15	NW/NW	23	9S	15E	Duchesne	7/06/2005	
WELL 2 COMMENTS: GRRV											
A	99999	14813	43-047-35698	Federal 13-13-9-17	SW/SW	13	9S	17E	Uintah	7/06/2005	7-6-05
WELL 3 COMMENTS: GRRV											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

*Kettie S. Jones*  
 Signature  
 Production Clerk  
 Title

Kettie S. Jones  
 July 6, 2005  
 Date

U//06/2005 10:56 4356453031

INLAND

PAGE 02

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

575 FNL 683 FWL

NW/NW Section 23 T9S R15E

5. Lease Serial No.

UTU68548

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

ASHLEY UNIT

8. Well Name and No.

ASHLEY FEDERAL 4-23-9-15

9. API Well No.

4301332736

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 7/6/05 MIRU Ross # 24. Drill 303' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 312.87' KB On 7/14/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Alvin Nielsen

Title

Drilling Foreman

Signature

*Alvin Nielsen*

Date

07/14/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

JUL 18 2005

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 312.87

LAST CASING 8 5/8" SET AT 312.87'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 303' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Ashley Federal 4-23-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross Rig # 24

## LOG OF CASING STRING:

LOG OF CASING STRIKE									
PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 42.84'							
		WHI - 92 csg head				8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg		24#	J-55	8rd	A	301.02	
		GUIDE shoe				8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				302.87	
TOTAL LENGTH OF STRING		302.87	7	LESS CUT OFF PIECE				2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				312.87	
TOTAL		301.02	7	} COMPARE					
TOTAL CSG. DEL. (W/O THRDS)		301.02	7						
TIMING		1ST STAGE							
BEGIN RUN CSG.		Spud	7/6/2005	11:30 AM	GOOD CIRC THRU JOB				YES
CSG. IN HOLE			7/7/2005	11:30 AM	Bbls CMT CIRC TO SURFACE				6
BEGIN CIRC			7/14/2005	11:33 AM	RECIPROCATED PIPE FOR				THRU FT STROKE
BEGIN PUMP CMT			7/14/2005	11:42 AM					N/A
BEGIN DSPL. CMT			7/14/2005	11:55 AM	BUMPED PLUG TO				600 PSI
PLUG DOWN			7/14/2005	12:01 PM					
CEMENT USED		CEMENT COMPANY- B. J.							
STAGE	# SX	CEMENT TYPE & ADDITIVES							
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield							
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3									

COMPANY REPRESENTATIVE Alvin Nielsens DATE 7/14/2005

RECEIVED

JUL 18 2005

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Newfield Production Company

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone No. (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
575 FNL 683 FWL  
NW/NW Section 23 T9S R15E

5. Lease Serial No.

UTU68548

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

ASHLEY UNIT

8. Well Name and No.

ASHLEY FEDERAL 4-23-9-15

9. API Well No.

4301332736

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/13/05 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5970'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 133 jt's of 5.5 J-55, 15.5# csgn. Set @ 5948' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned a trace of cement to reserve pit. Nipple down Bop's. Drop slips @ 85,000 #'s tension. Release rig @ 6:00 AM on 9/20/05.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Justin Crum

Title

Drilling Foreman

Signature

Date

09/22/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

SEP 23 2005

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5948.91

Flt cllr @ 5913.91

LAST CASING 8 5/8" SET AT 312'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Ashley Federal 4-23-9-15

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI # 1

TD DRILLER 5970' Loggers TD 5966'

HOLE SIZE 7 7/8"

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
	<b>SHJT</b>	<b>5.80' @ 4017'</b>					
<b>132</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	5913.91
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	ETC LT&C csg	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	45.1
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5950.91
TOTAL LENGTH OF STRING	5950.91	133	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	315.74	7	CASING SET DEPTH	<b>5948.91</b>
TOTAL	<b>6351.40</b>	140	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	6251.4	140		
TIMING	1ST STAGE	2nd STAGE		
BEGIN RUN CSG.	9/19/2005	11:00 PM	GOOD CIRC THRU JOB	Yes
CSG. IN HOLE	9/20/2005	2:00 AM	Bbls CMT CIRC TO SURFACE	Trace of cement
BEGIN CIRC	9/20/2005	2:00 AM	RECIPROCATED PIPE FOR	THRUSTROKE
BEGIN PUMP CMT	9/20/2005	3:00 AM	DID BACK PRES. VALVE HOLD ?	Yes
BEGIN DSPL. CMT	9/20/2005	4:43:AM	BUMPED PLUG TO	2090 PSI
PLUG DOWN	<b>20-Sep</b>	<b>5:11 AM</b>		

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
<b>1</b>	<b>300</b>	Prem-lite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
<b>2</b>	<b>450</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Justin Crum

DATE 9/20/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

5. Lease Serial No.  
UTU68548  
6. If Indian, Allottee or Tribe Name.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Newfield Production Company

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone No. (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
575 FNL 683 FWL  
NW/NW Section 23 T9S R15E

7. If Unit or CA/Agreement, Name and/or No.  
ASHLEY UNIT

8. Well Name and No.  
ASHLEY FEDERAL 4-23-9-15

9. API Well No.  
4301332736

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
Mandie Crozier

Title  
Regulatory Specialist

Signature

Date  
10/13/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

**RECEIVED**

**OCT 1 / 2005**

**DIV. OF OIL, GAS & MINING**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

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UTU68548

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8. Well Name and No.

ASHLEY FEDERAL 4-23-9-15

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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

COPY SENT TO OPERATOR

Date: 10-27-05

Initials: CM

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mandie Crozier

Title

Regulatory Specialist

Signature

Date

10/13/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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(Instructions on reverse)

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Office

Date: 10/20/05  
By: [Signature]

Federal Approval Of This  
Action Is Necessary

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 09/27/05 - 10/12/05

Subject well had completion procedures initiated in the Green River formation on 09-27-05 without the use of a service rig over the well. A cement bond log was run and a total of six Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5835'-5852'); Stage #2 (5572'-5586'); Stage #3 (5461'-5470'); Stage #4(5014'-5023'); Stage #5(4786'- 4793'); Stage #6(4684'-4695'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 10-07-2005. Bridge plugs were drilled out and well was cleaned to 5903.00'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 10-12-2005.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Lana Nebeker

Signature

Title

Production Clerk

Date

10/28/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

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(Instructions on reverse)

**RECEIVED**

NOV 01 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3639  
MAYTON, UT 84062

RECEIVED  
JAN 20 2006

OPERATOR ACCT. NO. N2695

DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	14812	12419 ✓	43-013-32736	ASHLEY FEDERAL 4-23-9-15	NWNW	23	9S	15E	DUCHESNE	07/06/05	1/30/06

WELL COMMENTS: GRUV PA expanded eff 10/1/05 - J

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	14933	12419 ✓	43-013-32644	ASHLEY FEDERAL 5-22-9-15	SWNW	22	9S	15E	DUCHESNE	09/14/05	1/30/06

GRUV PA expanded eff 10/1/05 - K

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group of wells)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

Kim Kettie

Kim Kettie

Signature

Production Clerk

January 29, 2006

Title

Date

01/29/2006 14:31

4356463031

INLAND



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

**JAN 26 2006**

Newfield Exploration Company  
Attn: Laurie Deseau  
1401 Seventeenth Street, Suite 1000  
Denver, Colorado 80202

Re: 13<sup>th</sup> Revision of the Green River Formation PA "A"  
Ashley Unit  
Duchesne County, Utah

Gentlemen:

The 13<sup>th</sup> Revision of the Green River Formation Participating Area "A", Ashley Unit, UTU73520A, is hereby approved effective as of October 1, 2005, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 13<sup>th</sup> Revision of the Green River Formation Participating Area "A", results in the addition of 60.29 acres to the participating area for a total of 5,563.97 acres and is based upon the completion of the following Unit Wells, as wells capable of producing unitized substances.

WELL NO.	API NO.	LOCATION	LEASE NO.
14-14	43-013-32670	SESW, 14-9S-15E	UTU68548
3-15	43-013-32641	Lot 1, 15-9S-15E	UTU66184
16-15	43-013-32642	SESE, 15-9S-15E	UTU66184
5-22	43-013-32644	Lot 2, 22-9S-15E	UTU66185
4-23	43-013-32736	NWNW, 23-9S-15E	UTU68548

Copies of the approved requests are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 13<sup>th</sup> Revision of the Green River Formation Participating Area "A", Ashley Unit and its effective date.

Sincerely,

/s/ David H. Murphy

David H. Murphy  
Acting Chief, Branch of Fluid Minerals

**RECEIVED**  
**JAN 27 2006**

DIV. OF OIL, GAS & MINING

Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

## 1a. TYPE OF WORK

OIL  
WELL ☒GAS  
WELL ☐DRY ☐

Other \_\_\_\_\_

## 1b. TYPE OF WELL

NEW  
WELL ☒WORK  
OVER ☐DEEPEN ☐PLUG  
BACK ☐DIFF  
RESVR. ☐

Other \_\_\_\_\_

## 2. NAME OF OPERATOR

Newfield Exploration Company

## 3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

## 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface

575' FNL &amp; 683' FWL (NW/NW) Sec.23, Twp 9S, Rng 15E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-32736

DATE ISSUED

12/15/04

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

7/6/05

16. DATE T.D. REACHED

9/19/05

17. DATE COMPL. (Ready to prod.)

10/12/05

18. ELEVATIONS (DE, RKB, RT, GR, ETC.)\*

6277' GL

19. ELEV. CASINGHEAD

6289' KB

20. TOTAL DEPTH, MD &amp; TVD

5970'

21. PLUG BACK T.D., MD &amp; TVD

5903'

22. IF MULTIPLE COMPL.

HOW MANY\*

23. INTERVALS

DRILLED BY

-----&gt;

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4684'-5852'

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

## 23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	313'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5949'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5849'	TA @ 5752'

## 31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5835'-5852'	.41"	4/68	5835'-5852'	Frac w/ 120,429# 20/40 sand in 857 bbls fluid
(CP1) 5572'-5586'	.41"	4/56	5572'-5586'	Frac w/ 59,862# 20/40 sand in 496 bbls fluid
(LODC) 5461'-5470'	.41"	4/36	5461'-5470'	Frac w/ 40,377# 20/40 sand in 389 bbls fluid
(A1) 5014'-5023'	.41"	4/36	5014'-5023'	Frac w/ 40,727# 20/40 sand in 409 bbls fluid
(C) 4786'-4793'	.41"	4/28	4786'-4793'	Frac w/ 29,853# 20/40 sand in 321 bbls fluid
(D2) 4684'-4695'	.41"	4/44	4684'-4695'	Frac w/ 46,269# 20/40 sand in 403 bbls fluid

## 33. PRODUCTION

DATE FIRST PRODUCTION 10/12/05		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 30 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 64	GAS--MCF 33	WATER--BBL. 242		GAS-OIL RATIO 516
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.)	

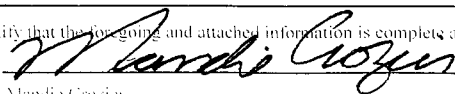
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold &amp; Used for Fuel

## 35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Regulatory Specialist

DIV. OF OIL, GAS &amp; MINING 11/15/2005

Mandie Crozier

NR

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Ashley Federal 4-23-9-15	Garden Gulch Mkr	3581'	
				Garden Gulch 1	3820'	
				Garden Gulch 2	3927'	
				Point 3 Mkr	4175'	
				X Mkr	4446'	
				Y-Mkr	4481'	
				Douglas Creek Mkr	4587'	
				BiCarbonate Mkr	4801'	
				B Limestone Mkr	4915'	
				Castle Peak	5495'	
				Basal Carbonate	5942'	
				Total Depth (LOGGERS	5967'	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 4-23-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0575 FNL 0683 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 23 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013327360000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>6/18/2013</b>				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

The subject well has been converted from a producing oil well to an injection well on 06/14/2013. On 06/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/18/2013 the casing was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not a State representative available to witness the test.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** July 15, 2013

**By:**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/20/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 6/18/13 Time 9:15 am/pm

Test Conducted by: DAVE CLOWARD

Others Present: \_\_\_\_\_

Well: <u>Ashley Federal 4-23-9-15</u>	Field: <u>Ashley Federal 4-23-9-15</u>
Well Location: <u>Ashley Federal 4-23-9-15</u>	Duchess County, Utah
	API No: <u>UT 87538X</u>
<u>NW/NE/SEC. 23, T9S, R15E</u>	<u>43-013-32736</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1100</u>	psig
5	<u>1100</u>	psig
10	<u>1100</u>	psig
15	<u>1100</u>	psig
20	<u>1100</u>	psig
25	<u>1100</u>	psig
30 min	<u>1100</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

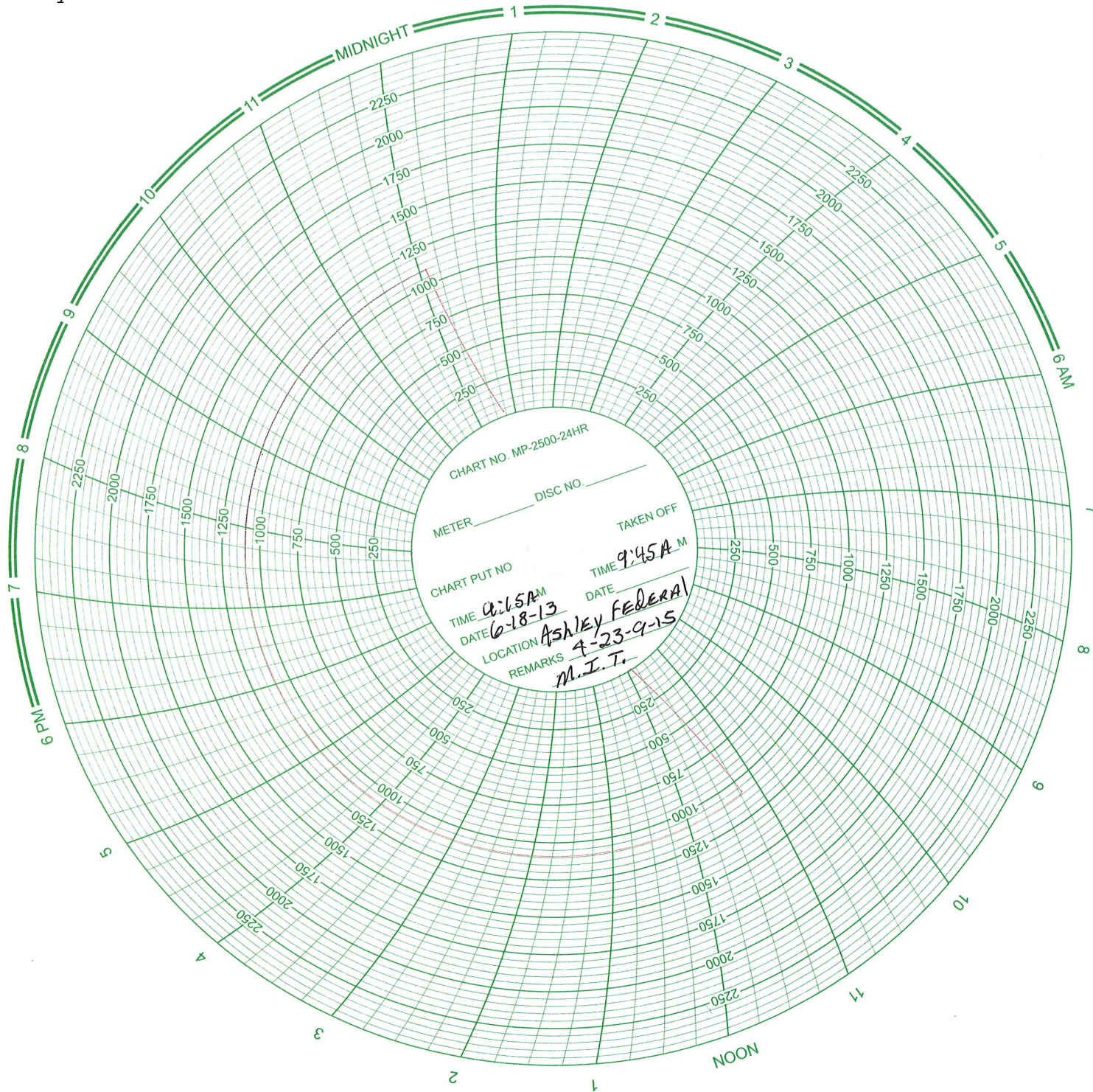
Tubing pressure: 300 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: David Cloward







**Daily Activity Report****Format For Sundry****ASHLEY 4-23-9-15****4/1/2013 To 8/30/2013****6/14/2013 Day: 1****Conversion**

WWS #7 on 6/14/2013 - MIRU pump 60 BBLS down csg wait for 1.5 hours, wait for wind to die down enough to RU 9:00 RU rig RD PLS did not see pump unseat - MIRU pump 60 BBLS down csg wait for 1.5 hours, wait for wind to die down enough to RU 9:00 RU rig RD PLS did not see pump unseat unable to flush rods psi tbg upto 5000# unable to blow hole good psi test LD 1 1/2X 22 polish rods, 2' X3/4 pony TOO H W/193 rods box in hole wore out pin pulled out of box TIH W/ mouse trap & rod string works rods for 1 hour unable to latch on LD 99 - upper 3/4 94 sik 3/4 & mouse trap hot oil 45 BW down csg clean up tools 4:30 XO to TBG EQ ND WH release TAC NU BOP RU perferettors performate tbg @ 4823-4825 POOH RD perferettors flush tbg W/30 BW RU tbg EQ ready to TOO H W/ tbg in Am SWI SDFN

**Daily Cost:** \$0**Cumulative Cost:** \$17,952

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**6/18/2013 Day: 2****Conversion**

WWS #7 on 6/18/2013 - Flush TBG W/30 BW TOO H TALLING TBG Breaking inspecting & green doping every collar W/146 JTS 2 7/8 J-55 tbg LD 35 JTS - Flush TBG W/30 BW TOO H TALLING TBG Breaking inspecting & green doping every collar W/146 JTS 2 7/8 J-55 tbg LD 35 JTS, 5 1/2 Tac 1 JT Sn, 2 JTS, TBG subs, perf sub, NC striped, 1-SIK 3/4, 30-per 3/4, 6-1 1/2 WT bars & pump out of tbg tih W/ 2 3/8 entry guide, xn nipple 2 3/8 tbg sub, X/over 5 1/2 AS-1x packer, on-off tool 2 7/8 j-55 tbg pump 15 BW drop Sv psi test tbg to 3000 psi w/20 BW hold for 1 HR good test ret Sv w/sandline ND BOP set PKR @ 4,638, XN 4646' EOT @ 4648' NUWH psi test CSG to 1500 psi W/52 BBLS PKR Fluid to get good test RD rig park rig on loc.

**Daily Cost:** \$0**Cumulative Cost:** \$27,677

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**6/19/2013 Day: 3****Conversion**

Rigless on 6/19/2013 - Conduct initial MIT - On 06/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/18/2013 the casing was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$59,511

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**Pertinent Files:** [Go to File List](#)

## Ashley Federal 4-23-9-15

Spud Date: 7/6/05

Put on Production: 10/12/05

GL: 6277' KB: 6289'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (302.87')

DEPTH LANDED: 312.87' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 133 jts. (5950.91')

DEPTH LANDED: 5948.91' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II &amp; 450 sxs 50/50 POZ.

CEMENT TOP AT: 225'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 146 jts (4620.3')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4632.3' KB

ON/OFF TOOL AT: 4633.4'

ARROW #1 PACKER CE AT: 4639.2'

XO 2-3/8 x 2-7/8 J-55 AT: 4642.2'

TBG PUP 2-3/8 J-55 AT: 4642.7'

X/N NIPPLE AT: 4646.8'

TOTAL STRING LENGTH: EOT @ 4648.38'

Injection Wellbore  
Diagram

Cement Top @ 225'

Casing Shoe @ 313'

SN @ 4632'

On Off Tool @ 4633'

Packer @ 4639'

X/N Nipple @ 4647'  
EOT @ 4648'

4684-4695'

4786-4793'

5014-5023'

5461-5470'

5572-5586'

5835-5852'

PBTD @ 5903'

SHOE @ 5949'

TD @ 5970'

FRAC JOB

10/5/05 5835-5852'

**FRAC CP5 sand as follows:**120,429#'s 20/40 sand in 857 bbls Lightning  
17 frac fluid. Treated @ avg press of 1890 psi  
w/avg rate of 25.1 BPM. ISIP 2350 Calc  
Flush: 5833 gal. Actual Flush 5838 gals.

10/5/05 5572-5586'

**FRAC CPI sand as follows:**59,862#'s 20/40 sand in 496 bbls Lightning  
17 frac fluid. Treated @ avg press of 1493 psi  
w/avg rate of 25.1 BPM. ISIP 1850 Calc  
flush: 5570 gal. Actual flush: 5628 gal.

10/5/05 5461-5470'

**FRAC LODC, sand as follows:**40,377#'s 20/40 sand in 389 bbls Lightning  
17 frac fluid. Treated @ avg press of 1710 psi  
w/avg rate of 25.1 BPM. ISIP 2350 psi. Calc  
flush: 5459 gal. Actual flush: 5460 gal.

10/5/05 5014-5023'

**FRAC A1 sand as follows:**40,727#'s 20/40 sand in 409 bbls Lightning  
17 frac fluid. Treated @ avg press of 2475 psi  
w/avg rate of 27.8 BPM. ISIP 3350 psi. Calc  
flush: 5012 gal. Actual flush: 4998 gal.

10/5/05 4786-4793'

**FRAC C sand as follows:**29,853#'s 20/40 sand in 321 bbls Lightning  
17 frac fluid. Treated @ avg press of 2485 psi  
w/avg rate of 27.5 BPM. Screened Out. Calc  
flush: 4784 gal. Actual flush: 4242 gal

10/6/05 4684-4695'

**FRAC D2 sand as follows:**46,269#'s 20/40 sand in 403 bbls Lightning  
17 frac fluid. Treated @ avg press of 1810 psi  
w/avg rate of 25.1 BPM. ISIP 2030 psi. Calc  
flush: 4682 gal. Actual flush: 4578 gal

08/22/06

**Pump Change.** Update rod and tubing details.

8/3/07

**Tubing Leak.** Updated rod & tubing details.

06/14/13

**Convert to Injection Well**

06/18/13

**Conversion MIT Finalized** – update tbg detailPERFORATION RECORD

9/27/05	5835-5852'	4 JSPF	68 holes
10/5/05	5572-5586'	4 JSPF	56 holes
10/5/05	5461-5470'	4 JSPF	36 holes
10/5/05	5014-5023'	4 JSPF	36 holes
10/5/05	4786-4793'	4 JSPF	28 holes
10/6/05	4684-4695'	4 JSPF	44 holes



**Ashley Federal 4-23-9-15**  
575' FNL & 683' FWL  
NW/NW Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32736; Lease #UTU-68548

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 4-23-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0575 FNL 0683 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 23 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013327360000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/18/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           The above reference well was put on injection at 10:30 AM on            07/18/2013.         </div> <div style="width: 35%; text-align: right;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>   <b>Date:</b> August 21, 2013  <b>By:</b> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/22/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 4-23-9-15			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013327360000			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>PHONE NUMBER:</b> 435 646-4825 Ext			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0575 FNL 0683 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 23 Township: 09.0S Range: 15.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE			
		<b>COUNTY:</b> DUCHESNE			
		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/18/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> ACIDIZE   <input type="checkbox"/> CHANGE TO PREVIOUS PLANS   <input checked="" type="checkbox"/> CHANGE WELL STATUS   <input type="checkbox"/> DEEPEN   <input type="checkbox"/> OPERATOR CHANGE   <input type="checkbox"/> PRODUCTION START OR RESUME   <input type="checkbox"/> REPERFORATE CURRENT FORMATION   <input type="checkbox"/> TUBING REPAIR   <input type="checkbox"/> WATER SHUTOFF   <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="vertical-align: top;"> <input type="checkbox"/> ALTER CASING   <input type="checkbox"/> CHANGE TUBING   <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   <input type="checkbox"/> FRACTURE TREAT   <input type="checkbox"/> PLUG AND ABANDON   <input type="checkbox"/> RECLAMATION OF WELL SITE   <input type="checkbox"/> SIDETRACK TO REPAIR WELL   <input type="checkbox"/> VENT OR FLARE   <input type="checkbox"/> SI TA STATUS EXTENSION   <input type="checkbox"/> OTHER         </td> <td style="vertical-align: top;"> <input type="checkbox"/> CASING REPAIR   <input type="checkbox"/> CHANGE WELL NAME   <input checked="" type="checkbox"/> CONVERT WELL TYPE   <input type="checkbox"/> NEW CONSTRUCTION   <input type="checkbox"/> PLUG BACK   <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION   <input type="checkbox"/> TEMPORARY ABANDON   <input type="checkbox"/> WATER DISPOSAL   <input type="checkbox"/> APD EXTENSION           OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 10:30 AM on 07/18/2013.</p> <p style="font-size: 1.2em; margin-top: 20px;">UTC-381.3</p> </div> <div style="width: 35%; text-align: right;"> <p><b>Accepted by the</b>  <b>Utah Division of</b>  <b>Oil, Gas and Mining</b></p> <p><b>Date:</b> August 21, 2013</p> <p><b>By:</b> </p> </div> </div>					
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Water Services Technician			
		<b>DATE</b> 7/22/2013			

# Ashley Federal 4-23-9-15

Spud Date: 7/6/05

Put on Production: 10/12/05

GL: 6277' KB: 6289'

## SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (302.87')

DEPTH LANDED: 312.87' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf

## PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 133 jts. (5950.91')

DEPTH LANDED: 5948.91' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.

CEMENT TOP AT: 225'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 146 jts. (4620.3')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4632.3' KB

ON/OFF TOOL AT: 4633.4'

ARROW #1 PACKER CE AT: 4639.2'

XO 2-3/8 x 2-7/8 J-55 AT: 4642.2'

TBG PUP 2-3/8 J-55 AT: 4642.7'

X/N NIPPLE AT: 4646.8'

TOTAL STRING LENGTH: EOT @ 4648.38'

## Injection Wellbore Diagram

Cement Top @ 225'

Casing Shoe @ 313'

SN @ 4632'

On Off Tool @ 4633'

Packer @ 4639'

X/N Nipple @ 4647'

EOT @ 4648'

4684-4695'

4786-4793'

5014-5023'

5461-5470'

5572-5586'

5835-5852'

PBTD @ 5903'

SHOE @ 5949'

TD @ 5970'

## FRAC JOB

10/5/05 5835-5852'

**Frac CP5 sand as follows:**

120,429#'s 20/40 sand in 857 bbls Lightning 17 frac fluid. Treated @ avg press of 1890 psi w/avg rate of 25.1 BPM. ISIP 2350 Calc flush: 5833 gal. Actual flush 5838 gals.

10/5/05 5572-5586'

**Frac CP1 sand as follows:**

59,862#'s 20/40 sand in 496 bbls Lightning 17 frac fluid. Treated @ avg press of 1493 psi w/avg rate of 25.1 BPM. ISIP 1850 Calc flush: 5570 gal. Actual flush: 5628 gal.

10/5/05 5461-5470'

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40,377#'s 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1710 psi w/avg rate of 25.1 BPM. ISIP 2350 psi. Calc flush: 5459 gal. Actual flush: 5460 gal.

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**Frac A1 sand as follows:**

40,727#'s 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 2475 psi w/avg rate of 27.8 BPM. ISIP 3350 psi. Calc flush: 5012 gal. Actual flush: 4998 gal.

10/5/05 4786-4793'

**Frac C sand as follows:**

29,853#'s 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 2485 psi w/avg rate of 27.5 BPM. Screened Out. Calc flush: 4784 gal. Actual flush: 4242 gal.

10/6/05 4684-4695'

**Frac D2 sand as follows:**

46,269#'s 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 1810 psi w/avg rate of 25.1 BPM. ISIP 2030 psi. Calc flush: 4682 gal. Actual flush: 4578 gal.

08/22/06

**Pump Change.** Update rod and tubing details.

8/3/07

**Tubing Leak.** Updated rod & tubing details.

06/14/13

**Convert to Injection Well**

06/18/13

**Conversion MIT Finalized** - update tbg detail

## PERFORATION RECORD

9/27/05	5835-5852'	4 JSPF	68 holes
10/5/05	5572-5586'	4 JSPF	56 holes
10/5/05	5461-5470'	4 JSPF	36 holes
10/5/05	5014-5023'	4 JSPF	36 holes
10/5/05	4786-4793'	4 JSPF	28 holes
10/6/05	4684-4695'	4 JSPF	44 holes

**NEWFIELD**



**Ashley Federal 4-23-9-15**

575' FNL & 683' FWL

NW/NW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32736; Lease #UTU-68548



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

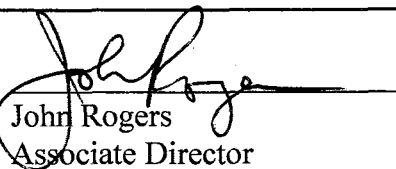
Cause No. UIC-381

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 4-23-9-15  
**Location:** Section 23, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32736  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 12, 2012.
2. Maximum Allowable Injection Pressure: 1,814 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,925' – 5,903') (Note that the injection top is revised upward from 4,044 feet in conversion approval.)
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

7/16/2013  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 4-23-9-15
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>9. API NUMBER:</b> 43013327360000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0575 FNL 0683 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 23 Township: 09.0S Range: 15.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

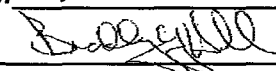
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/18/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 06/14/2013. On 06/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/18/2013 the casing was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not a State representative available to witness the test.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** July 15, 2013

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 6/20/2013



# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 6/18/13 Time 9:15 am pm

Test Conducted by: DAVE CLOWARD

Others Present: \_\_\_\_\_

Well: <u>ASHLEY FEDERAL 4-23-9-15</u>	Field: <u>ASHLEY FEDERAL 4-23-9-15</u>
Well Location: <u>ASHLEY FEDERAL 4-23-9-15</u>	Duchess County, UTAH
<u>NW/NW/SEC. 23, T9S, R15E</u>	API No: <u>UTL 87538X</u>
	<u>43-013-32736</u>

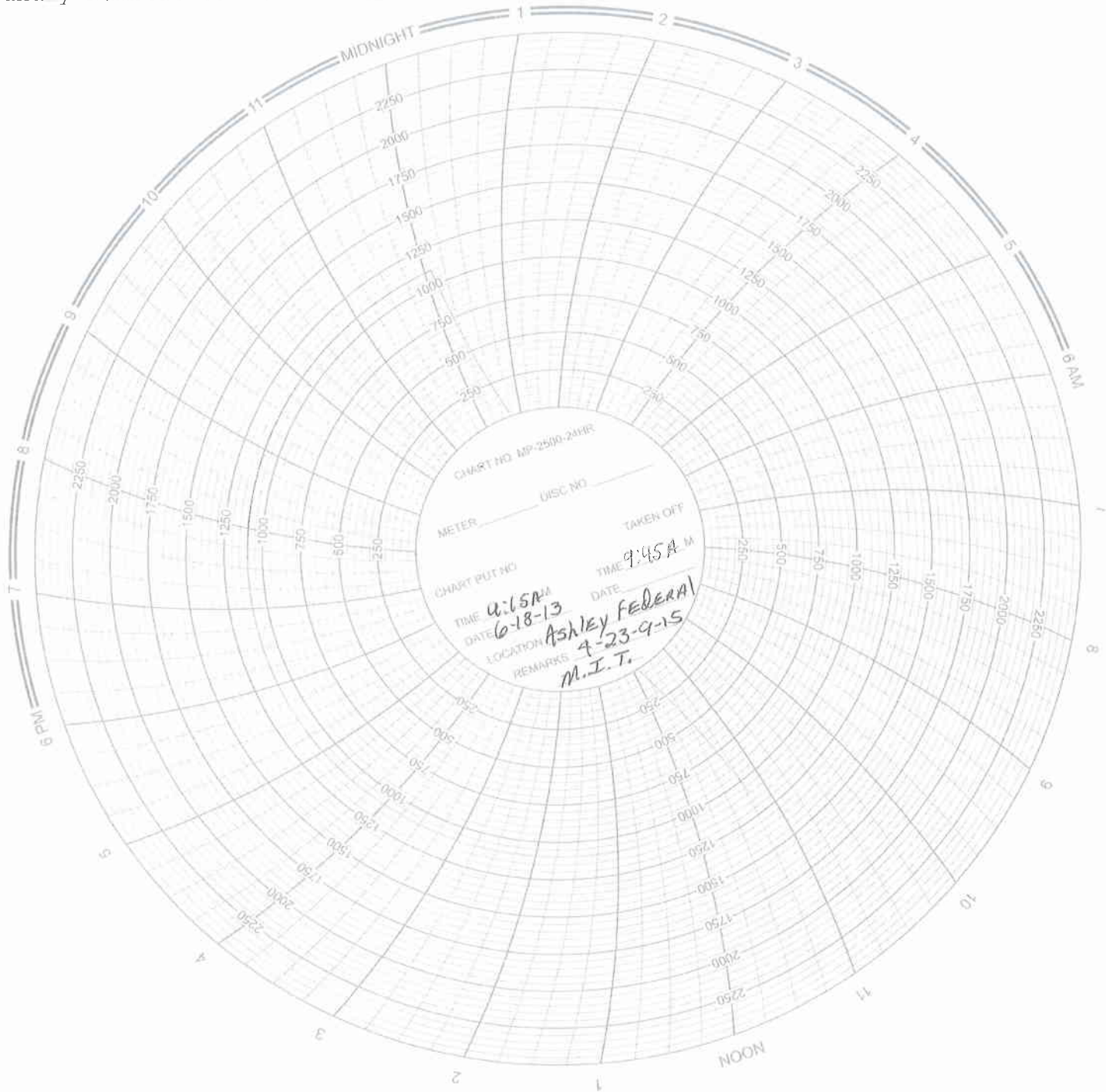
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1100</u>	psig
5	<u>1100</u>	psig
10	<u>1100</u>	psig
15	<u>1100</u>	psig
20	<u>1100</u>	psig
25	<u>1100</u>	psig
30 min	<u>1100</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 300 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: David Cloward



## Daily Activity Report

Format For Sundry

**ASHLEY 4-23-9-15**

**4/1/2013 To 8/30/2013**

**6/14/2013 Day: 1**

**Conversion**

WWS #7 on 6/14/2013 - MIRU pump 60 BBLS down csg wait for 1.5 hours, wait for wind to die down enough to RU 9:00 RU rig RD PLS did not see pump unseat - MIRU pump 60 BBLS down csg wait for 1.5 hours, wait for wind to die down enough to RU 9:00 RU rig RD PLS did not see pump unseat unable to flush rods psi tbg upto 5000# unable to blow hole good psi test LD 1 1/2X 22 polish rods, 2' X3/4 pony TOO H W/193 rods box in hole wore out pin pulled out of box TIH W/ mouse trap & rod string works rods for 1 hour unable to latch on LD 99 - upper 3/4 94 sik 3/4 & mouse trap hot oil 45 BW down csg clean up tools 4:30 XO to TBG EQ ND WH release TAC NU BOP RU perferettors performate tbg @ 4823-4825 POOH RD perferettors flush tbg W/30 BW RU tbg EQ ready to TOO H W/ tbg in Am SWI SDFN

**Daily Cost: \$0**

**Cumulative Cost: \$17,952**

**6/18/2013 Day: 2**

**Conversion**

WWS #7 on 6/18/2013 - Flush TBG W/30 BW TOO H TALLING TBG Breaking inspecting & green doping every collar W/146 JTS 2 7/8 J-55 tbg LD 35 JTS - Flush TBG W/30 BW TOO H TALLING TBG Breaking inspecting & green doping every collar W/146 JTS 2 7/8 J-55 tbg LD 35 JTS, 5 1/2 Tac 1 JT Sn, 2 JTS, TBG subs, perf sub, NC striped, 1-SIK 3/4, 30-per 3/4, 6-1 1/2 WT bars & pump out of tbg tih W/ 2 3/8 entry guide, xn nipple 2 3/8 tbg sub, X/over 5 1/2 AS-1x packer, on-off tool 2 7/8 j-55 tbg pump 15 BW drop Sv psi test tbg to 3000 psi w/20 BW hold for 1 HR good test ret Sv w/sandline ND BOP set PKR @ 4,638, XN 4646' EOT @ 4648' NUWH psi test CSG to 1500 psi W/52 BBLS PKR Fluid to get good test RD rig park rig on loc.

**Daily Cost: \$0**

**Cumulative Cost: \$27,677**

**6/19/2013 Day: 3**

**Conversion**

Rigless on 6/19/2013 - Conduct initial MIT - On 06/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/18/2013 the casing was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost: \$0**

**Cumulative Cost: \$59,511**

**Pertinent Files: Go to File List**

## Ashley Federal 4-23-9-15

Spud Date: 7/6/05

Put on Production: 10/12/05

GL: 6277' KB: 6289'

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE 8-5/8"

GRADE J-55

WEIGHT 24#

LENGTH 7 jts (302.87')

DEPTH LANDED 312.87' KB

HOLE SIZE 12-1/4"

CEMENT DATA 160 sxs Class "G" cmt, est 6 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"

GRADE J-55

WEIGHT 15.5#

LENGTH 133 jts (5950.91')

DEPTH LANDED 5948.91' KB

HOLE SIZE 7-7/8"

CEMENT DATA 300 sxs Prem Lite II &amp; 450 sxs 50/50 POZ

CEMENT TOP AT 225'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#

NO OF JOINTS 146 jts (4620.3')

SEATING NIPPLE 2-7/8" (1.10')

SN LANDED AT 4632.3' KB

ON/OFF TOOL AT 4633.4'

ARROW #1 PACKER CE AT 4639.2'

XO 2-3/8 x 2-7/8 J-55 AT 4642.2'

TBG PUP 2-3/8 J-55 AT 4642.7'

X/N NIPPLE AT 4646.8'

TOTAL STRING LENGTH EOT @ 4648.38'

FRAC JOB

10/5/05 5835-5852'

Frac CP5 sand as follows:

120,429#s 20/40 sand in 857 bbls Lightning  
17 frac fluid Treated @ avg press of 1890 psi  
w/avg rate of 25.1 BPM ISIP 2350 Calc  
flush 5833 gal Actual flush 5838 gals

10/5/05 5572-5586'

Frac CP1 sand as follows:

59,862#s 20/40 sand in 496 bbls Lightning  
17 frac fluid Treated @ avg press of 1493 psi  
w/avg rate of 25.1 BPM ISIP 1850 Calc  
flush 5570 gal Actual flush 5628 gal

10/5/05 5461-5470'

Frac LODC sand as follows:

40,377#s 20/40 sand in 389 bbls Lightning  
17 frac fluid Treated @ avg press of 1710 psi  
w/avg rate of 25.1 BPM ISIP 2350 psi Calc  
flush 5459 gal Actual flush 5460 gal

10/5/05 5014-5023'

Frac A1 sand as follows:

40,727#s 20/40 sand in 409 bbls Lightning  
17 frac fluid Treated @ avg press of 2475 psi  
w/avg rate of 27.8 BPM ISIP 3350 psi Calc  
flush 5012 gal Actual flush 4998 gal

10/5/05 4786-4793'

Frac C sand as follows:

29,853#s 20/40 sand in 321 bbls Lightning  
17 frac fluid Treated @ avg press of 2485 psi  
w/avg rate of 27.5 BPM Screened Out Calc  
flush 4784 gal Actual flush 4242 gal

10/6/05 4684-4695'

Frac D2 sand as follows:

46,269#s 20/40 sand in 403 bbls Lightning  
17 frac fluid Treated @ avg press of 1810 psi  
w/avg rate of 25.1 BPM ISIP 2030 psi Calc  
flush 4682 gal Actual flush 4578 gal

08/22/06

Pump Change. Update rod and tubing details

8/3/07

Tubing Leak. Updated rod &amp; tubing details

06/14/13

Convert to Injection Well

06/18/13

Conversion MFI Finalized - update tbg detail

PERFORATION RECORD

9/27/05	5835-5852'	4 JSFP	68 holes
10/5/05	5572-5586'	4 JSFP	56 holes
10/5/05	5461-5470'	4 JSFP	36 holes
10/5/05	5014-5023'	4 JSFP	36 holes
10/5/05	4786-4793'	4 JSFP	28 holes
10/6/05	4684-4695'	4 JSFP	44 holes

**NEWFIELD**

Ashley Federal 4-23-9-15

575' FNL &amp; 683' FWL

NW/NW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32736; Lease #UTU-68548

SN @ 4632'

On Off Tool @ 4633'

Packer @ 4639'

X/N Nipple @ 4647'

EOT @ 4648'

4684-4695'

4786-4793'

5014-5023'

5461-5470'

5572-5586'

5835-5852'

PBTD @ 5903'

SHOE @ 5949'

TD @ 5970'



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 12, 2012

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley Federal 4-23-9-15, Section 23, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32736

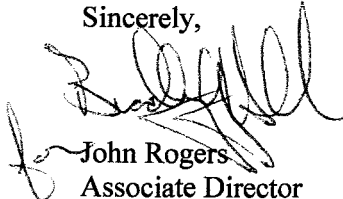
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,044 feet in the Ashley Federal 4-23-9-15 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,



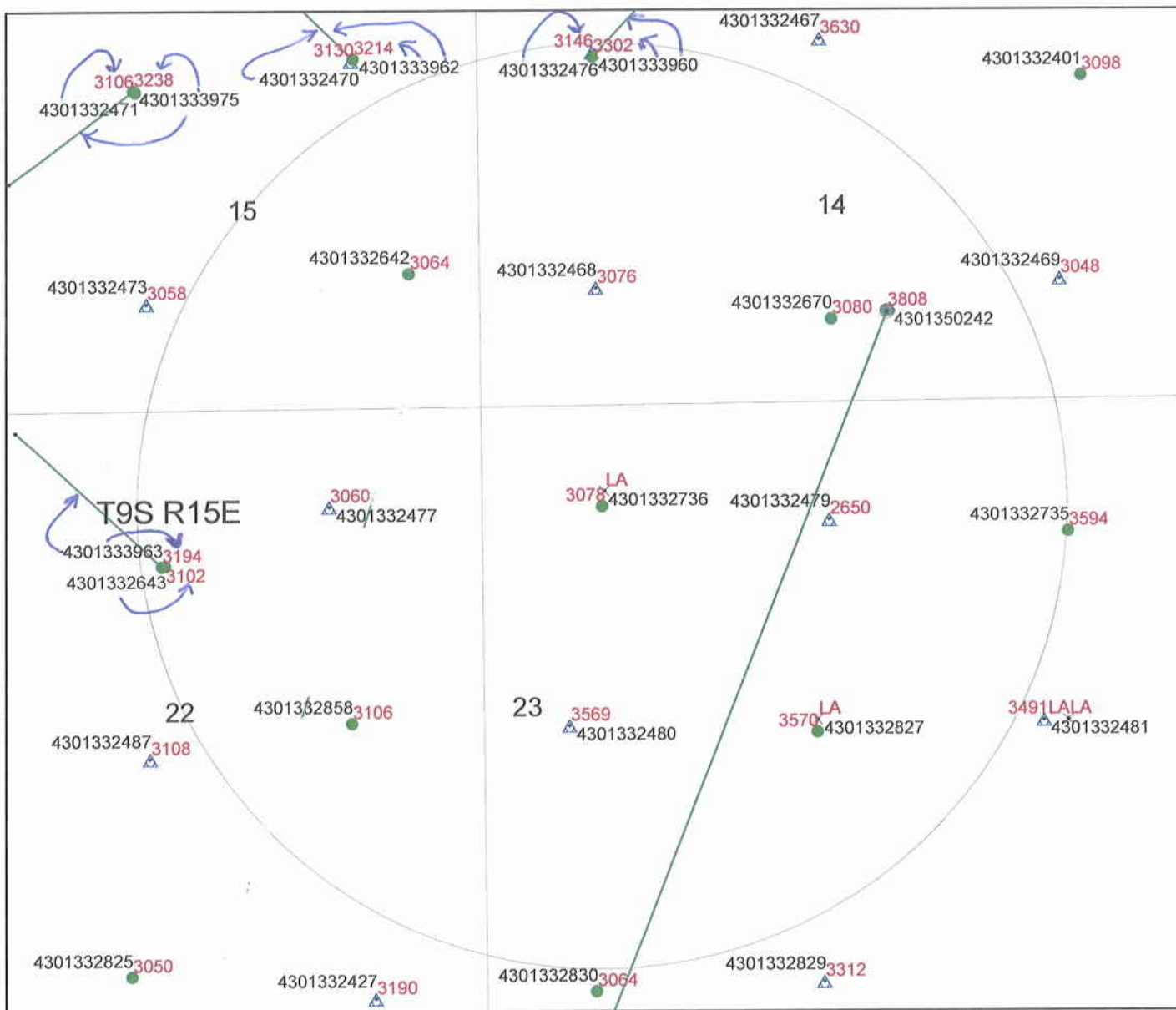
John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





# Cement Bond Tops ASHLEY FEDERAL 4-23-9-15

API #43-013-32736

UIC-381.3

## Legend

- |  |  |
|--|--|
| <p>Buffer_of_SGID93_ENERGY_DNROilGasWells_102</p> <p><b>SGID93.ENERGY.DNROilGasWells</b></p> <p><b>GIS_STAT_TYPE</b></p> <ul style="list-style-type: none"> <li>○ APD</li> <li>⊙ DRL</li> <li>⊗ GIW</li> <li>⊙<sub>GS</sub> GSW</li> <li>× LA</li> <li>○ LOC</li> <li>● OPS</li> <li>⊙ PA</li> </ul> | <ul style="list-style-type: none"> <li>⊙ PGW</li> <li>● POW</li> <li>▲ RET</li> <li>⊙ SGW</li> <li>● SOW</li> <li>⊗ TA</li> <li>○ TW</li> <li>⊗ WDW</li> <li>▲ WIW</li> <li>● WSW</li> </ul> |
|--|--|

- SGID93.BOUNDARIES.Counties
- SGID93.ENERGY.DNROilGasWells\_HDBottom
- SGID93.ENERGY.DNROilGasWells\_HDPath
- Wells-CbltopsMaster01\_20\_12

0 0.4 Miles

1870calc = approx cement top calculated from well completion report





**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 4-23-9-15

**Location:** 23/9S/15E      **API:** 43-013-32736

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 313 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,949 feet. A cement bond log demonstrates adequate bond in this well up to about 3,078 feet. A 2 7/8 inch tubing with a packer will be set at 4,634 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 9 producing wells and 5 injection wells the AOR. Two of the producing wells are directionally drilled, with surface locations inside the AOR and bottom hole locations outside the AOR. One of the producing wells is horizontally drilled with a surface location inside the AOR and a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1900 feet. Injection shall be limited to the interval between 3,925 feet and 5,903 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 4-23-9-15 well is 0.77 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,814 psig. The requested maximum pressure is 1,814 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley Federal 4-23-9-15**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 11/4/2011 (rev. 7/16/2013)

## PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	11/7/2011

ACCOUNT NAME		BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-381	
DIV OF OIL-GAS & MINING,		IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 22 AND 23, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.	
TELEPHONE	ADORDER# / INVOICE NUMBER	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.	
8015385340	0000739594 /	Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II Injection wells:	
SCHEDULE		Greater Monument Butte Unit: Ashley Federal 8-22-9-15 well located in SE/4 NE/4, Section 22, Township 9 South, Range 15 East API 43-013-32655 Ashley Federal 2-23-9-15 well located in NW/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32735 Ashley Federal 4-23-9-15 well located in NW/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32736 Ashley Federal 6-23-9-15 well located in SE/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32827 Ashley Federal 8-23-9-15 well located in SE/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32828 Ashley Federal 14-23-9-15 well located in SE/4 SW/4, Section 23, Township 9 South, Range 15 East API 43-013-32817 Ashley Federal 16-23-9-15 well located in SE/4 SE/4, Section 23, Township 9 South, Range 15 East API 43-013-32425	
Start 11/04/2011	End 11/04/2011	The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.	
CUST. REF. NO.		Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.	
Legal Notice		Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.	
CAPTION		Dated this 1st day of November, 2011. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Brad Hill	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES			
SIZE			
68	Lines	2.00	COLUMN
TIMES	RATE		
3			
MISC. CHARGES	AD CHARGES		
	TOTAL COST		
	175.00		

### AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC d/b/a MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-381 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC d/b/a MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

Start 11/04/2011

End 11/04/2011

PUBLISHED ON

SIGNATURE

11/7/2011

**THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"**  
**PLEASE PAY FROM BILLING STATEMENT**

0250/CE/66 DEANMAN/EF12/6101



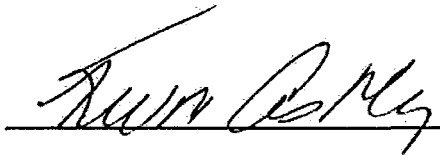
**VIRGINIA CRAFT**  
Notary Public, State of Utah  
Commission # 581469  
My Commission Expires  
January 12, 2014

Virginia Craft

# AFFIDAVIT OF PUBLICATION


County of Duchesne,  
STATE OF UTAH

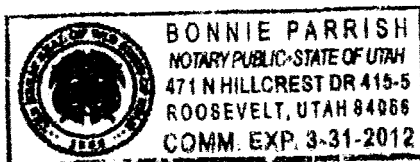
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 8 day of November, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 8 day of November, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

  
Publisher

Subscribed and sworn to before me this

8 day of November, 20 11

  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-381

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 22 AND 23, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
Ashley Federal 8-22-

Last week I met

Guy  
Ostertag Beats

offense. He was the student to have his ber retired.  
Also considered running back Alvie I defensive Bob Fuhr forward Shandon jazz forward Mill jazz center Billy Pe forward Jerry Chan center Mike Sojour fans are probably sa are those last two g

requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 1st day of November, 2011.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/

Brad Hill

Permitting Manager  
Published in the Uintah  
Basin Standard November 8, 2011.

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-381

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 22 AND 23, TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Greater Monument Butte Unit:

Ashley Federal 8-22-9-15 well located in SE/4 NE/4, Section 22, Township 9 South, Range 15 East API 43-013-32858  
Ashley Federal 2-23-9-15 well located in NW/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32735  
Ashley Federal 4-23-9-15 well located in NW/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32736  
Ashley Federal 6-23-9-15 well located in SE/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32827  
Ashley Federal 8-23-9-15 well located in SE/4 NE/4, Section 23, Township 9 South, Range 15 East API 43-013-32828  
Ashley Federal 14-23-9-15 well located in SE/4 SW/4, Section 23, Township 9 South, Range 15 East API 43-013-32817  
Ashley Federal 16-23-9-15 well located in SE/4 SE/4, Section 23, Township 9 South, Range 15 East API 43-013-32425

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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Dated this 1<sup>st</sup> day of November, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 8-22-9-15, ASHLEY FEDERAL 2-23-9-15,  
ASHLEY FEDERAL 4-23-9-15, ASHLEY FEDERAL 6-23-9-15  
ASHLEY FEDERAL 8-23-9-15, ASHLEY FEDERAL 14-23-9-15  
ASHLEY FEDERAL 16-23-9-15**

**Cause No. UIC-381**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

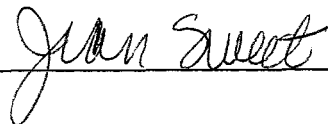
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

  
\_\_\_\_\_





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

November 1, 2011

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**From:** "Fultz, Mark" <naclegal@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 11/1/2011 11:21 AM  
**Subject:** Legal Notice  
**Attachments:** OrderConf.pdf

AD# 739594  
Run Trib - 11/4  
Cost \$175.0  
Thank you  
Mark

## Order Confirmation for Ad #0000739594-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114

**Fax** 801-359-3940  
**EEmail** earlenerussell@utah.gov

**Ordered By** Jean  
**Acct. Exec** mfulitz

<b>Total Amount</b>	<b>\$175.00</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$175.00</b>	<b>Tear Sheets</b> 0	<b>Proofs</b> 0	<b>Affidavits</b> 1

**Payment Method** PO Number Legal Notice

**Confirmation Notes:**

**Text:** Jean

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 68 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	11/04/2011	

<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	11/04/2011	

<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	11/04/2011	

### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-381

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Ashley Federal 4-23-9-15 well located in NW/4 NW/4, Section 23, Township 9 South, Range 15 East API 43-013-32736  
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Dated this 1st day of November, 2011.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/  
Brad Hill  
Permitting Manager  
739594

UPAXLP



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

November 1, 2011

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-381**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 11/2/2011 3:17 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-381

---

On 11/1/2011 10:02 AM, Jean Sweet wrote:

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

Received. Thank you. It will run Nov. 8.  
Cindy



October 21, 2011

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Ashley Federal #4-23-9-15  
Monument Butte Field, Lease #UTU-68548  
Section 23-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #4-23-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg".

Eric Sundberg  
Regulatory Lead

RECEIVED  
OCT 26 2011  
DIV OF OIL, GAS & MINING



**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #4-23-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-68548**  
**OCTOBER 21, 2011**

**RECEIVED**  
**OCT 26 2011**  
DIV. OF OIL, GAS & MINING

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RECEIVED  
OCT 26 2011  
DIV OF OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: <u>Ashley Federal #4-23-9-15</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-68548</u>
Well Location: QQ <u>NWNW</u> section <u>23</u> township <u>9S</u> range <u>15E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? ..... Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Will the proposed well be used for:	
Enhanced Recovery? ..... Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Disposal? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Storage? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is this application for a new well to be drilled? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
If this application is for an existing well, has a casing test been performed on the well? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Date of test: _____	
API number: <u>43-013-32736</u>	
Proposed injection interval: from <u>3925</u> to <u>5903</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1814</u> psig	
Proposed injection zone contains <input checked="" type="checkbox"/> oil, <input type="checkbox"/> gas, and/or <input type="checkbox"/> fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Regulatory Lead</u>	Date: <u>10/21/11</u>
Phone No.: <u>(303) 893-0102</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

# Ashley Federal 4-23-9-15

Spud Date: 7/6/05  
Put on Production: 10/12/05  
GL: 6277' KB: 6289'

Initial Production: BOPD,  
MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.87')  
DEPTH LANDED: 312.87' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

### PRODUCTION CASING

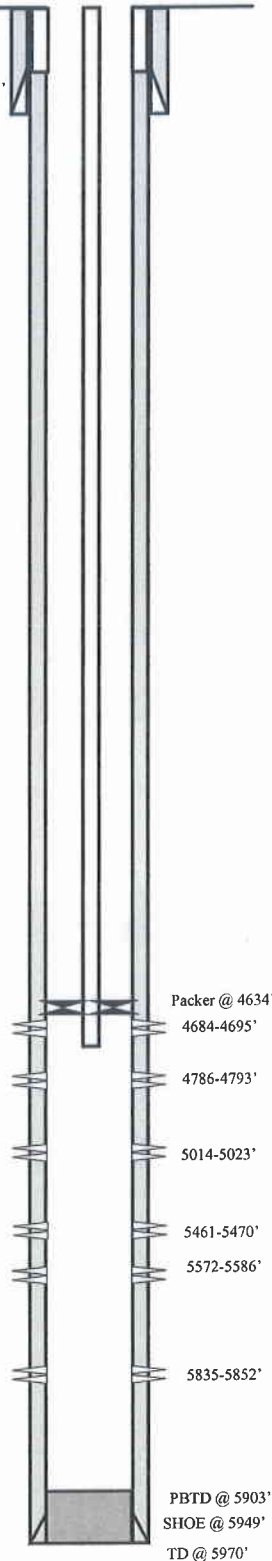
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts. (5950.91')  
DEPTH LANDED: 5948.91' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 225'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 181 jts (5725.78)  
TUBING ANCHOR: 5737.78'  
NO. OF JOINTS: 1 jts (29.30')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5769.88'  
NO. OF JOINTS: 2 jts (61.46')  
NO. OF SUBS: 2 (20.00')  
NO. OF PERF SUB: 1 (4.00')  
TOTAL STRING LENGTH: EOT @ 5856.89'

### FRAC JOB

10/5/05	5835-5852'	<b>Frac CP5 sand as follows:</b> 120,429#'s 20/40 sand in 857 bbls Lightning 17 frac fluid. Treated @ avg press of 1890 psi w/avg rate of 25.1 BPM. ISIP 2350 Calc flush: 5833 gal. Actual flush: 5838 gals.
10/5/05	5572-5586'	<b>Frac CP1 sand as follows:</b> 59,862#'s 20/40 sand in 496 bbls Lightning 17 frac fluid. Treated @ avg press of 1493 psi w/avg rate of 25.1 BPM. ISIP 1850 Calc flush: 5570 gal. Actual flush: 5628 gal.
10/5/05	5461-5470'	<b>Frac LODC sand as follows:</b> 40,377#'s 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1710 psi w/avg rate of 25.1 BPM. ISIP 2350 Calc flush: 5459 gal. Actual flush: 5460 gal.
10/5/05	5014-5023'	<b>Frac A1 sand as follows:</b> 40,727#'s 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 2475 psi w/avg rate of 27.8 BPM. ISIP 3350 psi. Calc flush: 5012 gal. Actual flush: 4998 gal.
10/5/05	4786-4793'	<b>Frac C sand as follows:</b> 29,853#'s 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 2485 psi w/avg rate of 27.5 BPM. Screened Out. Calc flush: 4784 gal. Actual flush: 4242 gal
10/6/05	4684-4695'	<b>Frac D2 sand as follows:</b> 46,269#'s 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 1810 psi w/avg rate of 25.1 BPM. ISIP 2030 psi. Calc flush: 4682 gal. Actual flush: 4578 gal
08/22/06		Pump Change. Update rod and tubing details.
8/3/07		Tubing Leak. Updated rod & tubing details.



### PERFORATION RECORD

9/27/05	5835-5852'	4 JSPF	68 holes
10/5/05	5572-5586'	4 JSPF	56 holes
10/5/05	5461-5470'	4 JSPF	36 holes
10/5/05	5014-5023'	4 JSPF	36 holes
10/5/05	4786-4793'	4 JSPF	28 holes
10/6/05	4684-4695'	4 JSPF	44 holes

**NEWFIELD**

Ashley Federal 4-23-9-15  
575' FNL & 683' FWL  
NW/NW Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32736; Lease #UTU-68548

RECEIVED  
OCT 26 2011  
DIV. OF OIL, GAS & MIN. RES.  
JL 10/11/2011

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**RECEIVED**  
**OCT 26 2011**  
DIV. OF CIV. SACS & RECORDS

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Federal #4-23-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #4-23-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3925' - 5903'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3579' and the TD is at 5970'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #4-23-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-68548) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 313' KB, and 5-1/2", 15.5# casing run from surface to 5949' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

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**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1814 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley Federal #4-23-9-15, for existing perforations (4684' - 5852') calculates at 0.77 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1814 psig. We may add additional perforations between 3579' and 5970'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Ashley Federal #4-23-9-15, the proposed injection zone (3925' - 5903') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-11.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

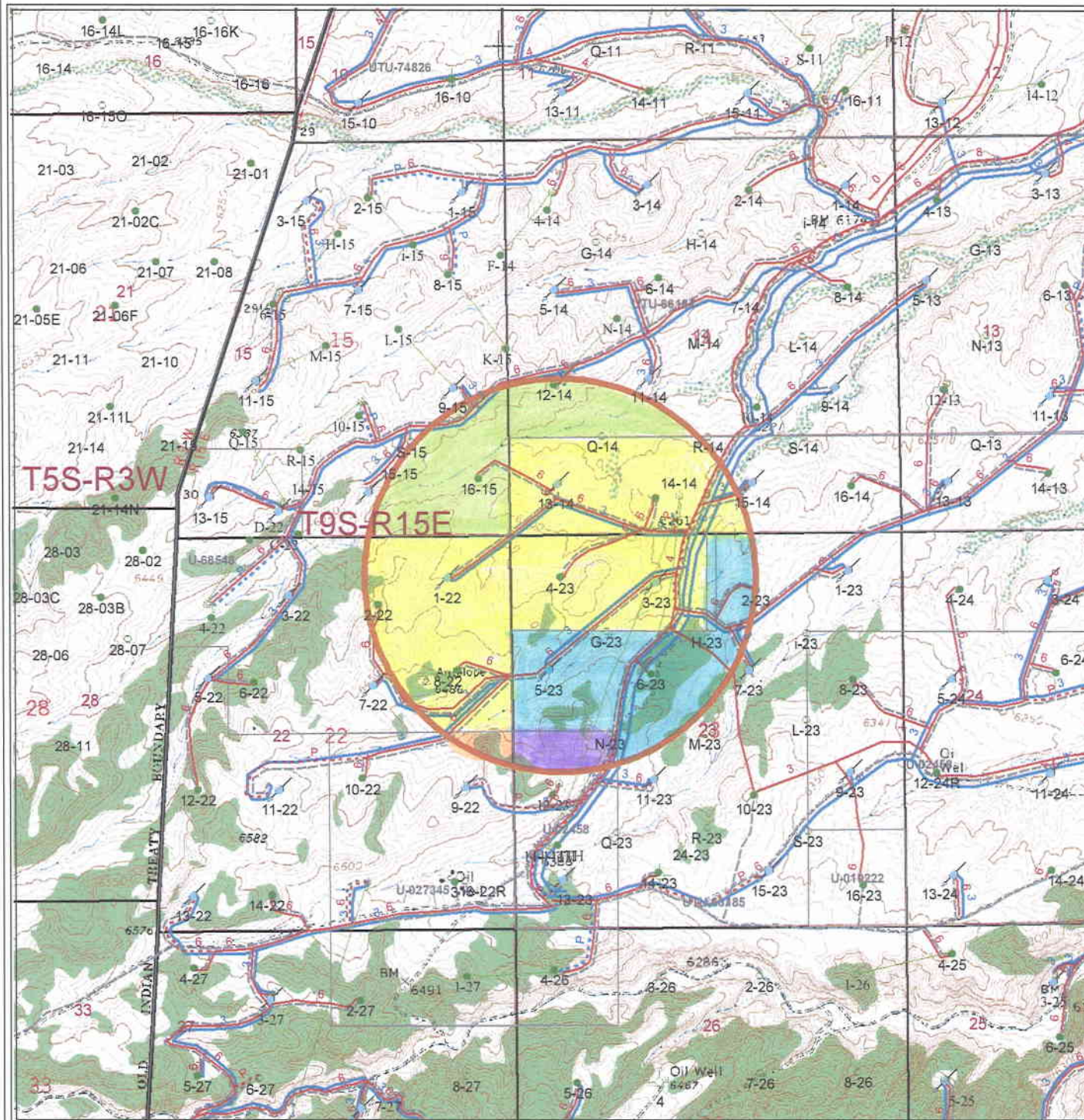
See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.

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- Well Status**
- Location
  - ⊗ CTI
  - ⊕ Surface Spud
  - ⊙ Drilling
  - ⊙ Waiting on Completion
  - Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊕ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
- Countyline**
- Injection system**
- high pressure
  - low pressure
  - ⋯ proposed
  - return
  - ⋯ return proposed
- Leases**
- Mining tracts**
- Gas Pipelines**
- Gathering lines
  - ⋯ Proposed lines
  - ⊕ 4\_23\_9\_15\_Buffer

Ashley 4-23  
Section 23, T9S-R15E

**NEWFIELD**  
ROCKY MOUNTAINS



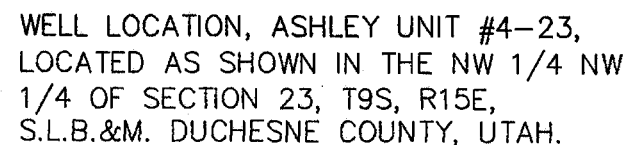
**1/2 Mile Radius Map**  
Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

June 28, 2011

UTU-68548  
UTU-66185  
UTU-66184  
UTU-02458  
UTU-027345

*INLAND PRODUCTION COMPANY*



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THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

STACY W  
STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 89399  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: C.M.

DATE: 9-14-04

DRAWN BY: F.T.M.

NOTES:

FILE #

 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 13: S2S2 Section 14: S2S2 Section 15: Lot 4 Section 22: NE, E2NW, Lot 1 Section 23: N2NW	USA UTU-68548 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E SLM Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: E2, Lots 1-3	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-02458 HBP	Newfield Production Company Newfield RMI LLC	USA
5	T9S-R15E SLM Section 22: SE Section 26: NWNW Section 27: N2NE	USA UTU-027345 HBP	Newfield Production Company Newfield RMI LLC	USA

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ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #4-23-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 21<sup>st</sup> day of October, 2011.

Notary Public in and for the State of Colorado: Candice L. Twitty  
My Commission Expires 02/10/2013  
My Commission Expires: \_\_\_\_\_



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## Ashley Federal 4-23-9-15

Spud Date: 7/6/05  
Put on Production: 10/12/05

GL: 6277' KB: 6289'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.87')  
DEPTH LANDED: 312.87' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts. (5950.91')  
DEPTH LANDED: 5948.91' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 225'

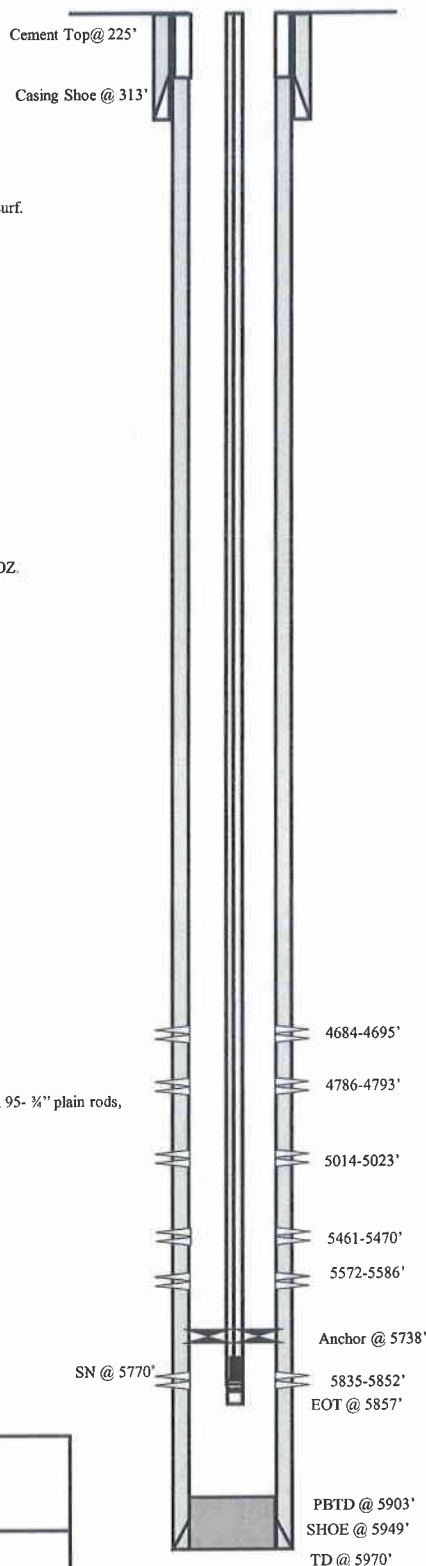
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 181 jts (5725.78)  
TUBING ANCHOR: 5737.78'  
NO. OF JOINTS: 1 jts (29.30')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5769.88'  
NO. OF JOINTS: 2 jts (61.46')  
NO. OF SUBS: 2 (20.00')  
NO. OF PERF SUB: 1 (4.00')  
TOTAL STRING LENGTH: EOT @ 5856.89'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-2' x 3/4" pony rod, 99- 3/4" scraped rods, 95- 3/4" plain rods, 30- 3/4" scraped rods, 6-1 1/2" weight rods  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, 4 SPM

## Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

FRAC JOB

10/5/05 5835-5852' **Frac CP5 sand as follows:**  
120,429#'s 20/40 sand in 857 bbls Lightning  
17 frac fluid. Treated @ avg press of 1890 psi  
w/avg rate of 25.1 BPM. ISIP 2350 Calc  
Flush: 5833 gal. Actual Flush 5838 gals.

10/5/05 5572-5586' **Frac CP1 sand as follows:**  
59,862#'s 20/40 sand in 496 bbls Lightning  
17 frac fluid. Treated @ avg press of 1493 psi  
w/avg rate of 25.1 BPM. ISIP 1850 Calc  
flush: 5570 gal. Actual flush: 5628 gal.

10/5/05 5461-5470' **Frac LODC, sand as follows:**  
40,377#'s 20/40 sand in 389 bbls Lightning  
17 frac fluid. Treated @ avg press of 1710 psi  
w/avg rate of 25.1 BPM. ISIP 2350 psi. Calc  
flush: 5459 gal. Actual flush: 5460 gal.

10/5/05 5014-5023' **Frac A1 sand as follows:**  
40,727#'s 20/40 sand in 409 bbls Lightning  
17 frac fluid. Treated @ avg press of 2475 psi  
w/avg rate of 27.8 BPM. ISIP 3350 psi. Calc  
flush: 5012 gal. Actual flush: 4998 gal.

10/5/05 4786-4793' **Frac C sand as follows:**  
29,853#'s 20/40 sand in 321 bbls Lightning  
17 frac fluid. Treated @ avg press of 2485 psi  
w/avg rate of 27.5 BPM. Screened Out. Calc  
flush: 4784 gal. Actual flush: 4242 gal

10/6/05 4684-4695' **Frac D2 sand as follows:**  
46,269#'s 20/40 sand in 403 bbls Lightning  
17 frac fluid. Treated @ avg press of 1810 psi  
w/avg rate of 25.1 BPM. ISIP 2030 psi. Calc  
flush: 4682 gal. Actual flush: 4578 gal

08/22/06 Pump Change. Update rod and tubing details.

8/3/07 Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

9/27/05	5835-5852'	4 JSPF	68 holes
10/5/05	5572-5586'	4 JSPF	56 holes
10/5/05	5461-5470'	4 JSPF	36 holes
10/5/05	5014-5023'	4 JSPF	36 holes
10/5/05	4786-4793'	4 JSPF	28 holes
10/6/05	4684-4695'	4 JSPF	44 holes

NEWFIELD

Ashley Federal 4-23-9-15  
575' FNL & 683' FWL  
NW/NW Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32736; Lease #UTU-68548

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Attachment E-1

## Ashley Federal 2-23-9-15

Spud Date: 6-21-05  
Put on Production: 8-24-05  
GL: 6305' KB: 6317'

**SURFACE CASING**

CSG SIZE 8-5/8"  
GRADE J-55  
WEIGHT 24#  
LENGTH 7 jts (300 28')  
DEPTH LANDED 312 13' KB  
HOLE SIZE 12-1/4"  
CEMENT DATA 160 sxs Class "G" cmt, est 7 bbls cmt to surf

**PRODUCTION CASING**

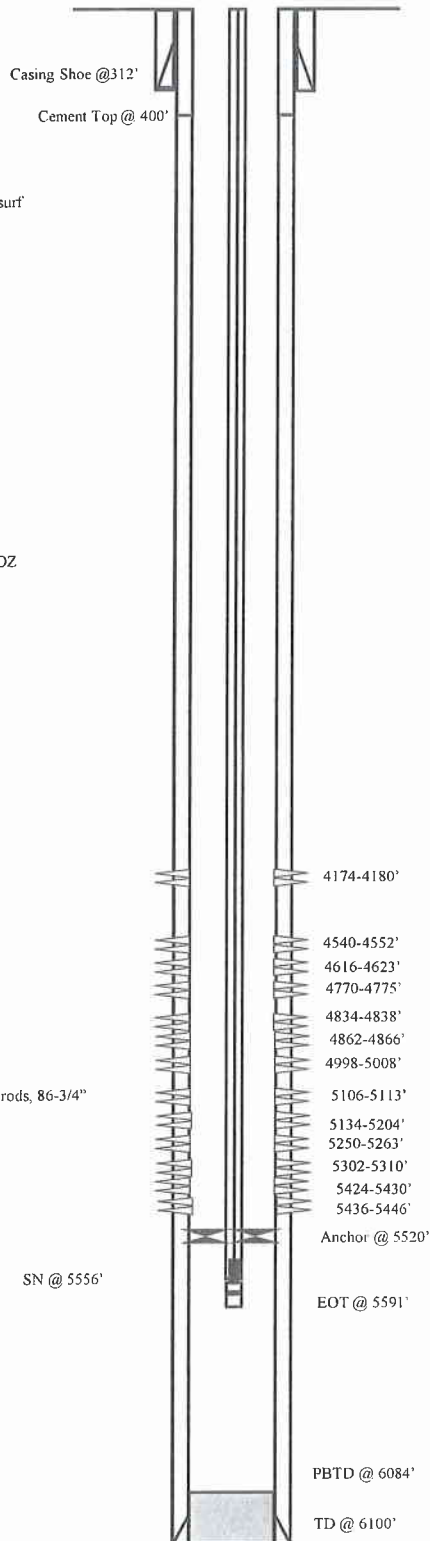
CSG SIZE 5-1/2"  
GRADE J-55  
WEIGHT 15 5#  
LENGTH 144 jts (6100 64')  
DEPTH LANDED 6099.89' KB  
HOLE SIZE 7-7/8"  
CEMENT DATA 300 sxs Prem Lite II & 450 sxs 50/50 POZ  
CEMENT TOP AT 400'

**TUBING**

SIZE/GRADE/WT 2-7/8" / J-55  
NO OF JOINTS 166 jts (5508 39')  
TUBING ANCHOR 5520 39' KB  
NO OF JOINTS 1 jts (33 27')  
SEATING NIPPLE 2-7/8" (1 10')  
SN LANDED AT 5556.46' KB  
NO OF JOINTS 1 jts (33 28')  
TOTAL STRING LENGTH EOT @ 5591 29' KB

**SUCKER RODS**

POLISHED ROD 1-1/2" x 22'  
SUCKER RODS 1-8", 1-2 x 3/4 pony rods, 99- 3/4" scraped rods, 86-3/4"  
plain rods, 30-3/4" scraped rods, 6-1 1/2" weighted rods  
PUMP SIZE 2-1/2" x 1-1/2" x 12x 16' RHAC  
STROKE LENGTH 86"  
PUMP SPEED, 5 SPM

**Wellbore Diagram**

Initial Production: 46 BOPD,  
32 MCFD, 92 BWPD

**FRAC JOB**

8-15-05	5424-5446'	<b>Frac LODC sand as follows:</b> 54896#'s 20/40 sand in 453 bbls Lightning 17 frac fluid Treated @ avg press of 2845 psi w/avg rate of 26.5 BPM Screened out w/3454#'s of sand
8-16-05	5106-5310'	<b>Frac LODC sand as follows:</b> 240230#'s 20/40 sand in 1566 bbls Lightning 17 frac fluid Treated @ avg press of 2358 psi w/avg rate of 39.3 BPM Calc flush 5104 gal Actual flush 5124 gal
8-17-05	4998-5088'	<b>Frac A1, sand as follows:</b> 34340#'s 20/40 sand in 350 bbls Lightning 17 frac fluid Treated @ avg press of 2145 psi w/avg rate of 24.9 BPM ISIP 2500 psi Calc flush 4996 gal Actual flush 5040 gal
8-17-05	4770-4866'	<b>Frac C, B.5, B1 sand as follows:</b> 34266#'s 20/40 sand in 345 bbls Lightning 17 frac fluid Treated @ avg press of 1835 psi w/avg rate of 24.9 BPM ISIP 2120 psi Calc flush 4768 gal Actual flush 4788 gal
8-17-05	4616-4623'	<b>Frac D1 sand as follows:</b> 24437#'s 20/40 sand in 253 bbls Lightning 17 frac fluid Treated @ avg press of 2078 psi w/avg rate of 25 BPM Screened out w/6 5# sand
8-18-05	4540-4552'	<b>Frac DS2 sand as follows:</b> 25087#'s 20/40 sand in 283 bbls Lightning 17 frac fluid Treated @ avg press of 2266 psi w/avg rate of 19.8 BPM ISIP 2800 psi Calc flush 4538 gal Actual flush 4536 gal
8-18-05	4174-4180'	<b>Frac GB6 sand as follows:</b> 26129#'s 20/40 sand in 244 bbls Lightning 17 frac fluid Treated @ avg press of 1895 psi w/avg rate of 14.1 BPM ISIP 3800 psi Screened out w/9500#'s in casing
1/14/06		Pump change Update rod and tubing details
12/07/06		Pump Change Update rod and tubing details
01/17/07		Pump Change Update rod and tubing details
03/21/07		Pump Change Update rod and tubing details
9-19-08		Pump change Updated rod & tubing details

**PERFORATION RECORD**

8-8-05	5424-5430'	4 JSPF	24 holes
8-8-05	5436-5446'	4 JSPF	40 holes
8-16-05	5106-5113'	4 JSPF	28 holes
8-16-05	5134-5204'	2 JSPF	140 holes
8-16-05	5250-5263'	4 JSPF	52 holes
8-16-05	5302-5310'	4 JSPF	32 holes
8-17-05	4998-5008'	4 JSPF	40 holes
8-17-05	4770-4775'	4 JSPF	20 holes
8-17-05	4834-4838'	4 JSPF	16 holes
8-17-05	4862-4866'	4 JSPF	16 holes
8-17-05	4616-4623'	4 JSPF	28 holes
8-18-05	4540-4552'	4 JSPF	48 holes
8-18-05	4174-4180'	4 JSPF	24 holes

**NEWFIELD**

Ashley Federal 2-23-9-15  
754' FNL & 1957' FEL  
NWNE Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32735; Lease #UTU-66185

## Ashley Federal 3-23-9-15

Spud Date: 12/06/04  
Put on Production: 1/18/2005  
GL: 6300' KB: 6312'

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

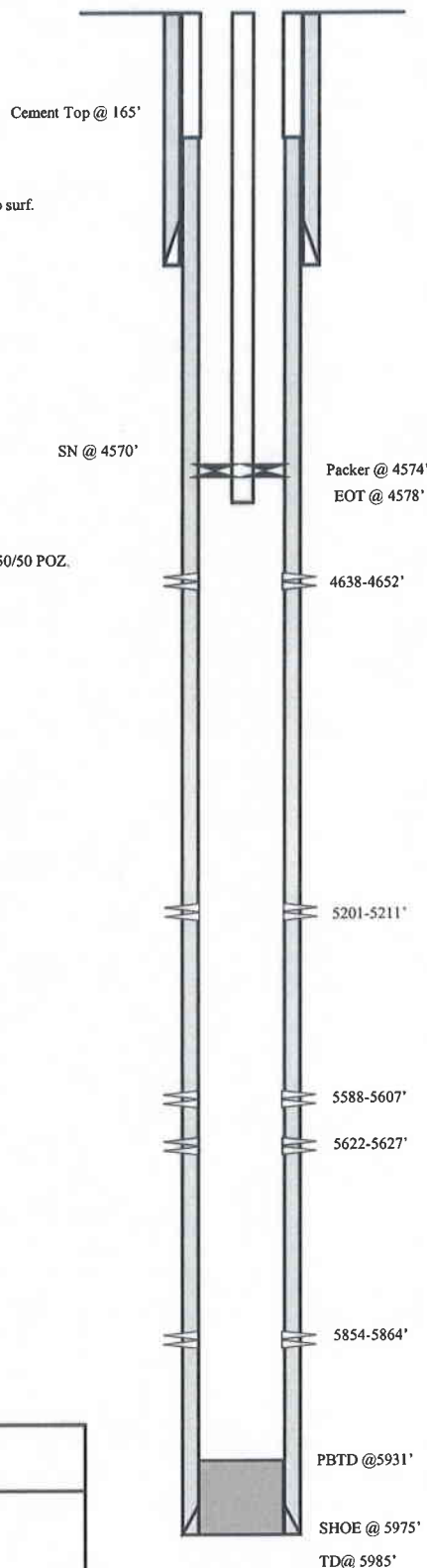
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts. (323.36')  
DEPTH LANDED: 333.36' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts. (5977.08')  
DEPTH LANDED: 5975.08' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 285 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ.  
CEMENT TOP AT: 165'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 140 jts (4557.79')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4569.79' KB  
TOTAL STRING LENGTH: EOT @ 4578.29' w/ 12' KB

Injection Wellbore  
DiagramFRAC JOB

1/13/05	5854'-5864'	<b>Frac CP5 sands as follows:</b> 29,391# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5852 gal. Actual flush: 5851 gal.
1/13/05	5588'-5627'	<b>Frac CP1 sands as follows:</b> 79,648# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1659 psi w/avg rate of 24.9 BPM. ISIP 1650 psi. Calc flush: 5586 gal. Actual flush: 5586 gal.
1/13/05	5201'-5211'	<b>Frac LODC sands as follows:</b> 26,556# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.7 BPM. ISIP 2030 psi. Calc flush: 5199 gal. Actual flush: 5200 gal.
1/14/05	4638'-4652'	<b>Frac D1 sands as follows:</b> 100,974# 20/40 sand in 704 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc flush: 4636 gal. Actual flush: 4652 gal.
5/10/06		<b>Well converted to an Injection well.</b>
5/23/06		<b>MIT completed and submitted.</b>

PERFORATION RECORD

1/06/05	5854'-5864'	4 JSPF	40 holes
1/13/05	5622'-5627'	4 JSPF	20 holes
1/13/05	5588'-5607'	4 JSPF	76 holes
1/13/05	5201'-5211'	4 JSPF	40 holes
1/13/05	4638'-4652'	4 JSPF	56 holes

**NEWFIELD****Ashley Federal 3-23-9-15**

660' FNL &amp; 1980' FWL

NE/NW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32479; Lease #UTU-68548

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## Ashley Federal 5-23-9-15

Spud Date: 12/08/04  
Put on Production: 1/25/2005

GL: 6350' KB: 6362'

Initial Production: BOPD,  
MCFD, BWPD

**SURFACE CASING**

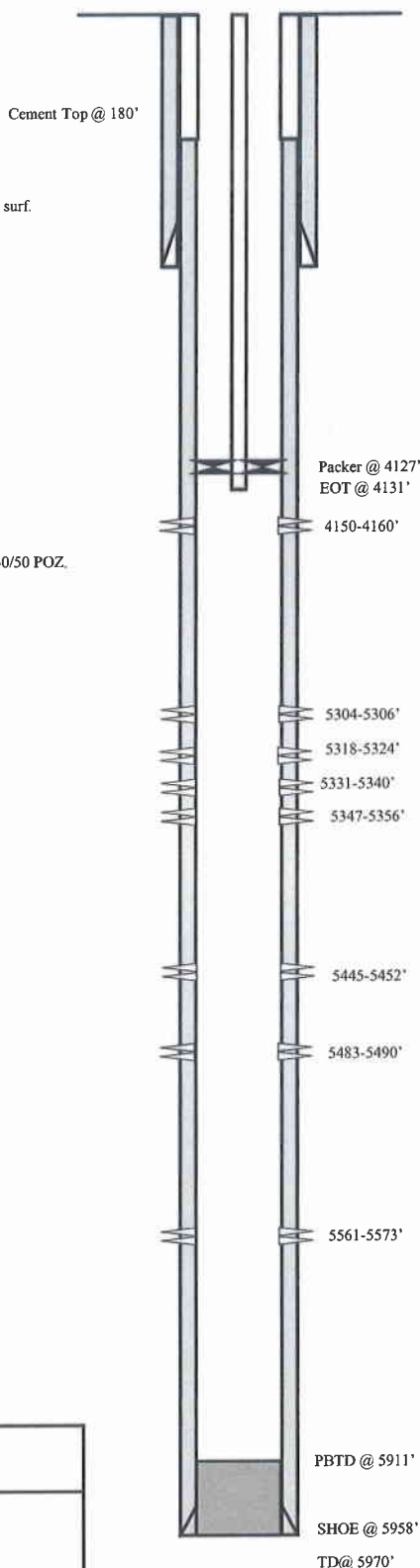
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (290.67')  
DEPTH LANDED: 300.67' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5959.62')  
DEPTH LANDED: 5957.62' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 180'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 126 jts (4110.77')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4123.87' KB  
TOTAL STRING LENGTH: EOT @ 4131.37' w/ 12' KB

**Injection Wellbore  
Diagram****FRAC JOB**

1/17/05	5561'-5573'	<b>Frac CP2 sands as follows:</b> 20,943# 20/40 sand in 272 bbls Lightning 17 frac fluid. Treated @ avg press of 1795 psi w/avg rate of 24.8 BPM. ISIP 1875 psi. Calc flush: 5559 gal. Actual flush: 5603 gal.
1/20/05	5445'-5490'	<b>Frac LODC sands as follows:</b> 39,334# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2150 psi w/avg rate of 24.5 BPM. ISIP 3300 psi. Screened out.
1/21/05	5304'-5356'	<b>Frac LODC sands as follows:</b> 95,313# 20/40 sand in 697 bbls Lightning 17 frac fluid. Treated @ avg press of 2775 psi w/avg rate of 24.5 BPM. ISIP 3350 psi. Calc flush: 5302 gal. Actual flush: 5300 gal.
1/21/05	4150'-4160'	<b>Frac GB6 sands as follows:</b> 28,799# 20/40 sand in 279 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 psi w/avg rate of 14.4 BPM. ISIP 2000 psi. Calc flush: 4148 gal. Actual flush: 4056 gal.
6/30/06		<b>Well converted to an Injection well.</b>
8/1/06		<b>MIT completed and submitted.</b>

**PERFORATION RECORD**

1/12/05	5561'-5573'	4 JSPF	48 holes
1/20/05	5483'-5490'	4 JSPF	28 holes
1/20/05	5445'-5452'	4 JSPF	28 holes
1/21/05	5347'-5356'	4 JSPF	36 holes
1/21/05	5331'-5340'	4 JSPF	36 holes
1/21/05	5318'-5324'	4 JSPF	24 holes
1/21/05	5304'-5306'	4 JSPF	8 holes
1/21/05	4150'-4160'	4 JSPF	40 holes

**NEWFIELD****Ashley Federal 5-23-9-15**

1832' FNL &amp; 510' FWL

SW/NW Section 23-T9S-R15E

Duchesne Co, Utah

API #43-013-32480; Lease #UTU-66185

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DIV. OF OIL, GAS &amp; MINING

## Ashley Federal 6-23-9-15

Spud Date: 06/14/2006  
Put on Production: 08/02/2006

GL: 6327' KB: 6339'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts. (309.16')  
DEPTH LANDED: 321.01' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5912.51')  
DEPTH LANDED: (5925.76') KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 275'

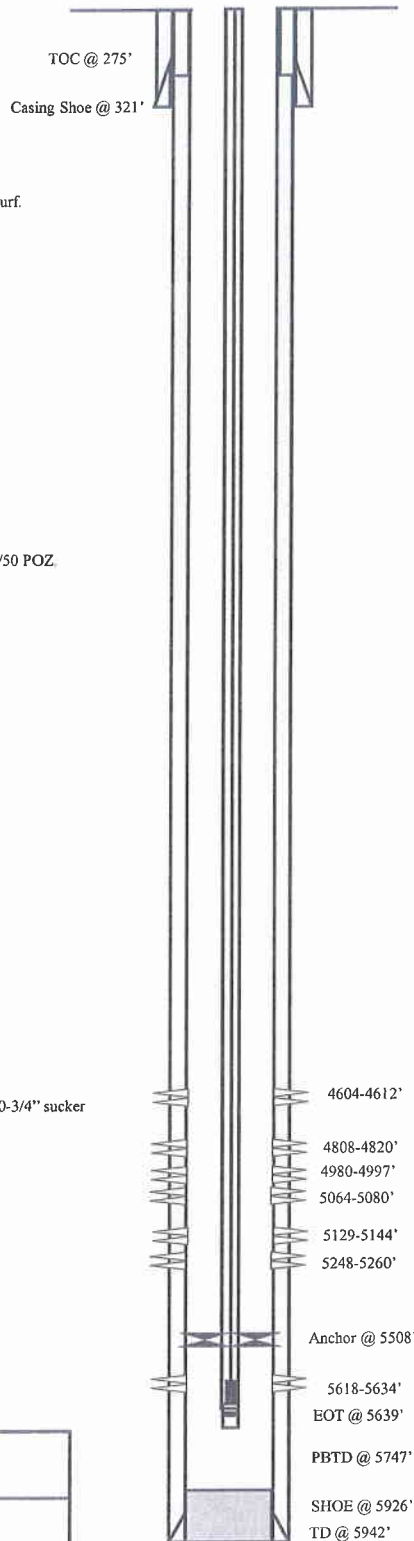
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 174 jts (5507.09')  
TUBING ANCHOR: 5507.9'  
NO. OF JOINTS: 2 jts (63.4')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5574'  
NO. OF JOINTS: 2 jts (63.30')  
TOTAL STRING LENGTH: EOT @5638.4'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-4" x 3/4" ponies, 100-3/4" guided rods, 100-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" sinker bars.  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 4' x 12' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5'

## Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

FRAC JOB

07/28/06	5618-5634	<b>Frac CP2 sands as follows:</b> 34,075# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1597 psi w/avg rate of 24.9 BPM. ISIP 1675 psi. Calc flush: 5616 gal. Actual flush: 5124 gal
07/28/06	5248-5260'	<b>Frac LODC sands as follows:</b> 69,111# 20/40 sand in 543 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 5246 gal. Actual flush: 4788 gal.
07/28/06	5129-4997'	<b>Frac LODC, A3, &amp; A1 sands as follows:</b> 198,857# 20/40 sand in 710 bbls Lightning 17 frac fluid. Treated @ avg press of 2698 psi w/avg rate of 26.7 BPM. ISIP 3150 psi. Calc flush: 5127 gal. Actual flush: 4536 gal.
07/28/06	4808-4820'	<b>Frac B.5 sands as follows:</b> 33,850# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 2084 psi w/avg rate of 24.5 BPM. ISIP 2090 psi. Calc flush: 4806 gal. Actual flush: 4326 gal.
07/28/06	4604-4612'	<b>Frac D1 sands as follows:</b> 43,995# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 1928 psi w/avg rate of 25.5 BPM. ISIP 2450 psi. Calc flush: 4602 gal. Actual flush: 4536 gal.
10/23/06	<b>Pump Change</b>	Rod & Tubing detail updated.
8-7-08		Pump change. Updated rod & tubing details.
12/31/2011		Parted Rods. Rod & tubing detail updated.

PERFORATION RECORD

07/28/06	5618-5634'	4 JSPF	64 holes
07/28/06	5248-5260'	4 JSPF	48 holes
07/28/06	5129-5144'	4 JSPF	60 holes
07/28/06	5064-5080'	4 JSPF	64 holes
07/28/06	4980-4997'	4 JSPF	68 holes
07/28/06	4808-4820'	4 JSPF	48 holes
07/28/06	4604-4612'	4 JSPF	32 holes

NEWFIELD

Ashley Federal 6-23-9-15

1878' FNL &amp; 1888' FWL

SE/NW Section 23-T9S-R15E

Duchesne County, Utah

API #43-013-32827; Lease #UTU-66185



## Ashley Federal 12-14-9-15

Spud Date: 9/16/04  
Put on Production: 11/09/04  
GL: 6285' KB: 6297'

### Injection Wellbore Diagram

#### SURFACE CASING

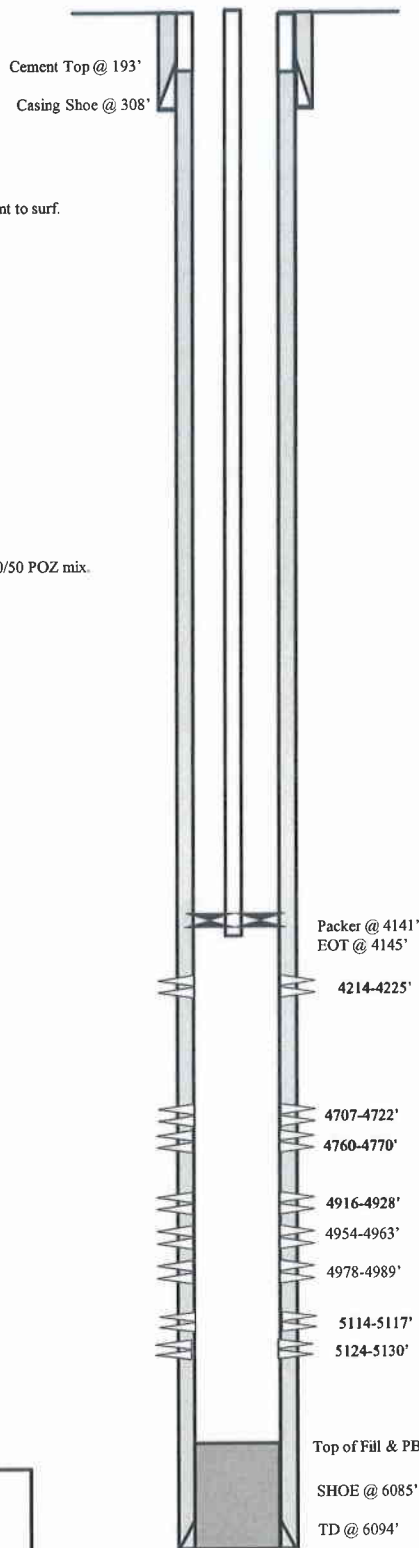
CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (297.77')  
DEPTH LANDED: 307.77' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 150sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts. (6087.11')  
DEPTH LANDED: 6085.11' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
CEMENT TOP AT: 193'

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 128 jts (4124.3')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 4136.3'  
CE @ 4140.62'  
TOTAL STRING LENGTH: EOT @ 4145'



#### FRAC JOB

11/03/04 4916-4989' **Frac B.5 & 1 & 2 sands as follows:**  
128,138# 20/40 sand in 887 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1602 psi  
w/avg rate of 24.9 BPM. ISIP 2150. Calc  
flush 4914 gal. Actual flush: 4725 gal.

11/04/04 4707-4770' **Frac D1 & 2 sands as follows:**  
109,362# 20/40 sand in 781 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1607 psi  
w/avg rate of 24.9 BPM. ISIP 2180 psi. Calc  
flush: 4705 gal. Actual flush: 4704 gal.

11/04/04 4214-4225' **Frac GB6 sands as follows:**  
58,492# 20/40 sand in 480 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1894 psi  
w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc  
flush: 4212 gal. Actual flush: 4116 gal.

1-8-08 Tubing Leak. Updated rod & tubing details.

11/11/10 5114-5130' **Frac A1 sands as follows:** 47114# 20/40  
sand in 419 bbls Lightning 17 fluid.

11/15/10 **Re-Completion** - updated details

05/03/11 **Convert to Injection well**

05/19/11 **Conversion MIT finalized** - update tbq detail

#### PERFORATION RECORD

Date	Interval	Tool	Holes
10/28/04	4978-4989'	4 JSPF	44 holes
10/28/04	4954-4963'	4 JSPF	36 holes
10/28/04	4916-4928'	4 JSPF	48 holes
11/03/04	4760-4770'	4 JSPF	40 holes
11/03/04	4707-4722'	4 JSPF	60 holes
11/04/04	4214-4225'	4 JSPF	44 holes
11/11/10	5114-5117'	3 JSPF	9 holes
11/11/10	5124-5130'	3 JSPF	18 holes

### NEWFIELD

Ashley Federal 12-14-9-15  
2003' FSL & 636' FWL  
NW/SW Section 14-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32476; Lease #UTU-66184

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DIV. OF OIL, GAS & MINING

Spud Date: 10/25/04  
Put on Production: 1/9/05  
GL: 6271' KB: 6283'

## Ashley Federal 13-14-9-15

Initial Production: BOPD,  
MCFD, BWPD

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (314.35')  
DEPTH LANDED: 314.35' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 143 jts. (6019.16')  
DEPTH LANDED: 6017.16' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ,  
CEMENT TOP AT: 100'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 141 jts (4595.75')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4607.75' KB  
TOTAL STRING LENGTH: EOT @ 4616.25' W/12' KB

Cement Top @ 100'

SN @ 4607'  
Packer @ 4613'  
EOT @ 4616'  
4644'-4651' 2/23/06  
3/13/06  
4661'-4665' 05/16/06  
06/02/06  
6/8/06  
5/4/11

4904'-4914'

5400'-5406'

5429'-5433'

5586'-5605'

PBTB @ 5972'

SHOE @ 6017'

TD @ 6025'

FRAC JOB

12/30/04 5586'-5605' **Frac CP2 sands as follows:**  
39,989# 20/40 sand in 432 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1552 psi  
w/avg rate of 24.5 BPM. ISIP 1720 psi. Calc  
flush: 5584 gal. Actual flush: 5628 gal.

12/30/04 5400'-5433' **Frac CP1 sands as follows:**  
25,225# 20/40 sand in 306 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2509 psi  
w/avg rate of 24.3 BPM. ISIP 3080 psi. Calc  
flush: 5398 gal. Actual flush: 5418 gal.

12/30/04 4904'-4914' **Frac B2 sands as follows:**  
34,459# 20/40 sand in 342 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2021 psi  
w/avg rate of 24.5 BPM. ISIP 2170 psi. Calc  
flush: 4902 gal. Actual flush: 4914 gal.

12/30/04 4644'-4665' **Frac D1 sands as follows:**  
35,341# 20/40 sand in 344 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1837 psi  
w/avg rate of 24.7 BPM. ISIP 2180 psi. Calc  
flush: 4642 gal. Actual flush: 4578 gal.

**Well converted to an Injection well.**  
**Initial MIT completed and submitted.**  
**Tubing Leak. Updated tubing detail.**  
**MIT (Dennis Ingram witnessed test.)**  
**MIT submitted to the State and BLM.**  
**5 YR MIT completed**

PERFORATION RECORD

12/22/04	5586'-5605'	4 JSPF	76 holes
12/30/04	5429'-5433'	4 JSPF	16 holes
12/30/04	5400'-5406'	4 JSPF	24 holes
12/30/04	4904'-4914'	4 JSPF	40 holes
12/30/04	4661'-4665'	4 JSPF	16 holes
12/30/04	4644'-4651'	4 JSPF	28 holes



Ashley Federal 13-14-9-15  
664 FSL & 659 FWL  
SW/SW Sec. 15, T9S R15E  
Duchesne, County  
API# 43-013-32468; Lease# UTU68548

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NEWFIELD ENERGY SERVICES

## Ashley Federal 14-14-9-15

Spud Date: 9/2/05  
Put on Production: 10/3/05  
GL: 6290' KB: 6302'

Initial Production: 18 BOPD,  
118 MCFD, 19 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.97')  
DEPTH LANDED: 312.97' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (6024.43')  
DEPTH LANDED: 6022.43' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 130'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 151 jts (4839.65')  
TUBING ANCHOR: 4851.65' KB  
NO. OF JOINTS: 1 jts (32.03')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4886.48' KB  
NO. OF JOINTS: 1 jts (32.03')  
TOTAL STRING LENGTH: EOT @ 5687.97' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-8", 1-6", 1-4", 1-2" x 3/4" ponies, 189-3/4" scraped rods, 6-1 1/2" weighted rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC SM plunger  
STROKE LENGTH: 100"  
PUMP SPEED, 5 SPM

FRAC JOB

9/29/05 5596-5616' **Frac CP1 sand as follows:**  
90,716#'s 20/40 sand in 685 bbls Lightning  
17 frac fluid. Treated @ avg press of 1395 psi  
w/avg rate of 24.9 BPM. ISIP 1680 Calc  
Flush: 5594 gal. Actual Flush 5586 gals.

9/29/05 5041-5067' **Frac A1&3 sand as follows:**  
49,864#'s 20/40 sand in 425 bbls Lightning  
17 frac fluid. Treated @ avg press of 2422 psi  
w/avg rate of 24.7 BPM. ISIP 2800 Calc  
flush: 5039 gal. Actual flush: 5040 gal.

9/29/05 4795-4822' **Frac C sand as follows:**  
80,142#'s 20/40 sand in 596 bbls Lightning  
17 frac fluid. Treated @ avg press of 1839 psi  
w/avg rate of 24.8 BPM. ISIP 2140 psi. Calc  
flush: 4793 gal. Actual flush: 4830 gal.

9/29/05 4663-4708' **Frac D1&2 sand as follows:**  
60,072#'s 20/40 sand in 472 bbls Lightning  
17 frac fluid. Treated @ avg press of 1814 psi  
w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc  
flush: 4661 gal. Actual flush: 4662 gal.

9/29/05 4410-4420' **Frac PB10 sand as follows:**  
30,241#'s 20/40 sand in 300 bbls Lightning  
17 frac fluid. Treated @ avg press of 1998 psi  
w/avg rate of 14.4 BPM. ISIP 2620 Calc  
flush: 4408 gal. Actual flush: 4452 gal.

9/29/05 4138-4167' **Frac GB6 sand as follows:**  
46,894#'s 20/40 sand in 377 bbls Lightning  
17 frac fluid. Treated @ avg press of 1690 psi  
w/avg rate of 24.9 BPM. ISIP 2030 psi. Calc  
flush: 4136 gal. Actual flush: 4032 gal.

1/8/06 Tubing Leak. Update rod and tubing details.

10/06/06 Parted rods. Update rod and tubing details.

PERFORATION RECORD

9/23/05	5596-5616'	4 JSPF	80 holes
9/29/05	5063-5067'	4 JSPF	16 holes
9/29/05	5041-5050'	4 JSPF	36 holes
9/29/05	4814-4822'	4 JSPF	32 holes
9/29/05	4795-4804'	4 JSPF	36 holes
9/29/05	4694-4708'	4 JSPF	56 holes
9/29/05	4663-4670'	4 JSPF	28 holes
9/29/05	4410-4420'	4 JSPF	40 holes
9/29/05	4162-4167'	4 JSPF	20 holes
9/29/05	4138-4145'	4 JSPF	28 holes



Ashley Federal 14-14-9-15  
483' FSL & 1990' FWL  
SE/SW Section 14-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32670; Lease #UTU-68548

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DIV. OF OIL, GAS &amp; MINING

## Ashley Federal 16-15-9-15

Spud Date: 9/12/05  
Put on Production: 10/17/05  
GL: 6281' KB: 6293'

Initial Production: BOPD 168,  
MCFD 41, BWPD 130

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (305.35')  
DEPTH LANDED: 307.69' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (6004.93')  
DEPTH LANDED: 6002.93' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 140'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 186 jts (5720.7)  
TUBING ANCHOR: 5735.4' KB  
NO. OF JOINTS: 1 jts (30.8')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5766.2' KB  
NO. OF JOINTS: 2 jts (61.50')  
TOTAL STRING LENGTH: EOT @ 5828.8' W/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
SUCKER RODS: 1-4', 2', 8' x 3/4" pony rods, 99- 3/4" guided rods, 93- 3/4" guided rods, 30- 3/4" guided rods, 6- 1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14" x 16" RHAC Central Hydraulic pump  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 6 SPM

FRAC JOB

10/11/05 5709'-5717' **Frac CP4 sands as follows:**  
23,605# 20/40 sand in 345 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1794 psi  
w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc  
flush: 5707 gal. Actual flush: 5754 gal.

10/11/05 5579'-5599' **Frac CP2 sands as follows:**  
44,491# 20/40 sand in 424 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1538 psi  
w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc  
flush: 5577 gal. Actual flush: 5628 gal.

10/12/05 5250'-5430' **Frac LODC sands as follows:**  
201,146# 20/40 sand in 1358 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2450 psi  
w/avg rate of 40.6 BPM. ISIP 2850 psi. Calc  
flush: 5248 gal. Actual flush: 5628 gal.

10/12/05 4766'-4863' **Frac C, B.5, & B1 sands as follows:**  
170,171# 20/40 sand in 1117 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 1944 psi  
w/avg rate of 40.8 BPM. ISIP 2100 psi. Calc  
flush: 4764 gal. Actual flush: 4788 gal.

10/13/05 4629'-4638' **Frac D1 sands as follows:**  
62,698# 20/40 sand in 490 bbls Lightning  
Frac 17 fluid. Treated @ avg press of 2000 psi  
w/avg rate of 24.7 BPM. ISIP 2500 psi. Calc  
flush: 4627 gal. Actual flush: 4536 gal.

04-12-07 **Pump Change:** Updated rod and tubing detail.  
2/3/09 **Pump Change.** Updated r & t details.  
9/10/09 **Parted rods.** Updated rod & tubing details.  
12/19/10 **Tubing Leak.** Rod & Tubing details updated.

PERFORATION RECORD

10/12/05	5709'-5717'	4 JSPF	32 holes
10/12/05	5579'-5599'	4 JSPF	80 holes
10/12/05	5400'-5430'	4 JSPF	120 holes
10/12/05	5321'-5340'	4 JSPF	76 holes
10/11/05	5250'-5260'	4 JSPF	40 holes
10/11/05	4856'-4863'	4 JSPF	28 holes
10/11/05	4826'-4836'	4 JSPF	40 holes
10/11/05	4766'-4776'	4 JSPF	40 holes
10/07/05	4629'-4638'	4 JSPF	36 holes



NEWFIELD

Ashley Federal 16-15-9-15

748 FSL &amp; 400 FEL

SE/SE Sec. 15, T9S R15E

Duchesne County, UT

API# 43-013-32642; Lease# UTU-66184

## Ashley Federal 1-22-9-15

Spud Date: 10/27/04  
Put on Production: 1/14/2005  
GL: 6351' KB: 6363'

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (300.15')  
DEPTH LANDED: 310.15' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 142 jts. (5966.69')  
DEPTH LANDED: 5964.69' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 140'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 134 jts (4468.02')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4480.02' KB  
EOT @ 4488.62' w/ 12' KB

Injection Wellbore  
Diagram

Cement Top @ 140'

SN @ 4480'

Packer @ 4484'

EOT @ 4489'

4531-4541'

4652-4658'

4778-4788

4802-4808'

4848-4854'

4924-4934'

5362-5372'

5594-5603'

5720'-5726'

5746-5752'

5788-5796'

PBTB @ 5949'

SHOE @ 5965'

TD @ 5975'

FRAC JOB

01/06/05	5720-5796'	<b>Frac CP5 &amp; CP4 sands as follows:</b> 48,058# 20/40 sand in 440 bbls Lightning 17 frac fluid. Treated @ avg press of 2204 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 5718 gal. Actual flush: 5758 gal.
01/07/05	5362-5372'	<b>Frac LODC sands as follows:</b> 44,081# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2261 psi w/avg rate of 24.5 BPM. ISIP 2400 psi. Calc flush: 5360 gal. Actual flush: 5338 gal.
01/07/05	4924-4934'	<b>Frac B2 sands as follows:</b> 34,136# 20/40 sand in 253 bbls Lightning 17 frac fluid. Treated @ avg press of 2041 psi w/avg rate of 24.5 BPM. Screened out.
01/07/05	4778-4854'	<b>Frac B.5 &amp; C sands as follows:</b> 74,405# 20/40 sand in 569 bbls Lightning 17 frac fluid. Treated @ avg press of 2542 psi w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc flush: 4776 gal. Actual flush: 4817 gal.
01/07/05	4652-4658'	<b>Frac D1 sands as follows:</b> 11,692# 20/40 sand in 249 bbls Lightning 17 frac fluid. Treated @ avg press of 2250 psi w/avg rate of 24.5 BPM. ISIP 2000 psi. Calc flush: 4650 gal. Actual flush: 4691 gal.
01/12/05	5594-5603'	<b>Frac CP2 sands as follows:</b> 29,558# 20/40 sand in 269 bbls Lightning 17 frac fluid. Treated @ avg press of 3200 psi w/avg rate of 14.1 BPM. ISIP 1900 psi. Calc flush: 1464 gal. Actual flush: 1344 gal.
01/12/05	4531-4541'	<b>Frac DS1 sands as follows:</b> 34,134# 20/40 sand in 266 bbls Lightning 17 frac fluid. Treated @ avg press of 3630 psi w/avg rate of 14.1 BPM. ISIP 2900 psi. Calc flush: 1289 gal. Actual flush: 1050 gal.
5/3/06		<b>Well converted to an injection well.</b>
5/12/06		<b>MIT completed and submitted.</b>

PERFORATION RECORD

12/29/04	5788'-5796'	4 JSPF	32 holes
12/29/04	5746'-5752'	4 JSPF	24 holes
12/29/04	5720'-5726'	4 JSPF	24 holes
01/06/05	5594'-5603'	4 JSPF	36 holes
01/07/05	5362'-5372'	4 JSPF	40 holes
01/07/05	4924'-4934'	4 JSPF	40 holes
01/07/05	4848'-4854'	4 JSPF	24 holes
01/07/05	4802'-4808'	4 JSPF	24 holes
01/07/05	4778'-4788'	4 JSPF	40 holes
01/07/05	4652'-4658'	4 JSPF	16 holes
01/07/05	4531'-4541'	4 JSPF	40 holes

NEWFIELD

Ashley Federal 1-22-9-15

582' FNL &amp; 847' FEL

NE/NE Section 22-T9S-R15E

Duchesne Co, Utah

API #43-013-32477; Lease #UTU-68548

RECEIVED

OCT 26 2011

DIV. OF OIL, GAS &amp; MINING

## Ashley Federal 2-22-9-15

Spud Date: 7-8-05  
Put on Production: 9-29-05

GL: 6413' KB: 6425'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (298.67')  
DEPTH LANDED: 310.52' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135jts. (6054.26')  
DEPTH LANDED: 6053.51' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 250'

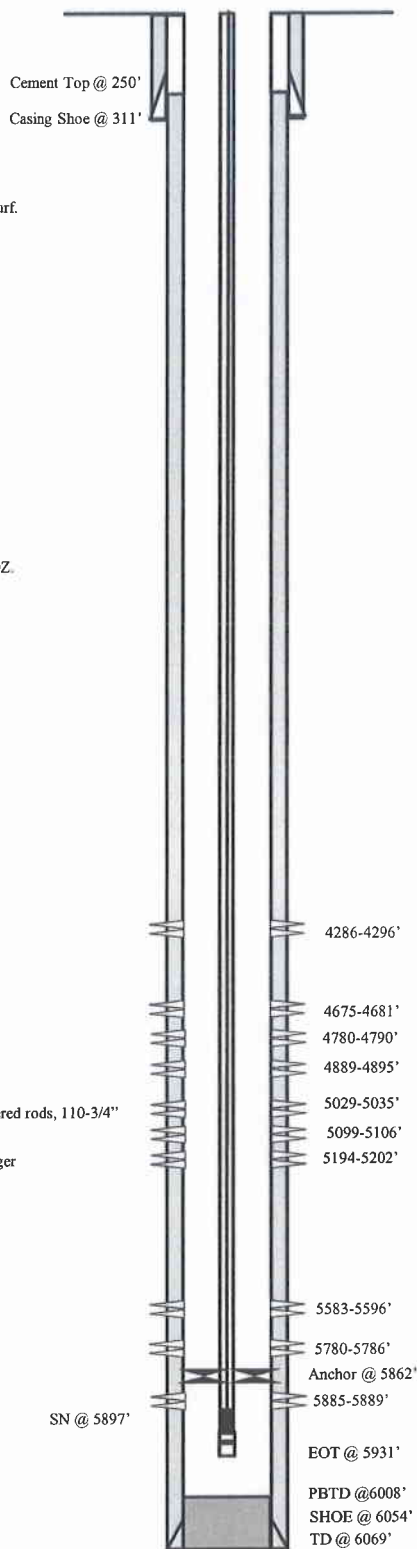
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 181 jts (5850.03')  
TUBING ANCHOR: 5862.03'  
NO. OF JOINTS: 1 jts (32.50')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5897.33'  
NO. OF JOINTS: 1 jts (32.51')  
TOTAL STRING LENGTH: EOT @ 5931.39'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-8", 1-2", x 3/4" pony rods, 99- 3/4" scraped rods, 110-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weighted rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14' RHAC W/ Sm plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM

## Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

FRAC JOB

9-22-05	5780-5889'	<b>Frac CP4 &amp; CP5 sand as follows:</b> 29349#'s 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 29 BPM. ISIP: 2100. Calc flush: 5779 gal Actual flush: 5838 gal.
9-25-05	5583-5596'	<b>Frac CP1 sand as follows:</b> 39782#'s 20/40 sand in 391 bbls Lightning 17 frac fluid. Treated @ avg press of 1538 psi w/avg rate of 24.7BPM. ISIP 1900 Calc flush: 5581 gal. Actual flush: 5586 gal.
9-22-05	5194-5202'	<b>Frac LODC, sand as follows:</b> 35182#'s 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 2376 psi w/avg rate of 24.7 BPM. ISIP 3100 psi. Calc flush: 5192 gal. Actual flush: 5250 gal.
9-22-05	5029-5106'	<b>Frac A1 &amp; A5 sand as follows:</b> 34292#'s 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5027 gal. Actual flush: 5082 gal.
9-22-05	4889-4895'	<b>Frac B.5 sand as follows:</b> 33992#'s 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1880 psi w/avg rate of 24.7 BPM. ISIP 2200. Calc flush: 4887. Actual flush: 4914
9-22-05	4780-4790'	<b>Frac D3 sand as follows:</b> 58767#'s 20/40 sand in 472 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 24.7 BPM. ISIP 2600 psi. Calc flush: 4779 gal. Actual flush: 4830 gal.
9-23-05	4675-4681'	<b>Frac D1 sand as follows:</b> 28942#'s 20/40 sand in 299 bbls Lightning 17 frac fluid. Treated @ avg press of 1790 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 4673 gal. Actual flush: 4662 gal.
9-23-05	4286-4296'	<b>Frac PB7 sand as follows:</b> 38655#'s 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 2051 psi w/avg rate of 17.6 BPM. ISIP 3800 psi. Calc flush: 4284 gal. Actual flush: 3108 gal.
8/1/07		Pump change. Update rod & tubing detail.
9/21/09		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

8-20-05	5780-5786'	4 JSPF	24 holes
8-20-05	5885-5889'	4 JSPF	16 holes
8-22-05	5583-5596'	4 JSPF	52 holes
8-22-05	5194-5202'	4 JSPF	32 holes
8-22-05	5029-5035'	4 JSPF	24 holes
8-22-05	5099-5106'	4 JSPF	28 holes
8-22-05	4889-4895'	4 JSPF	24 holes
8-22-05	4780-4790'	4 JSPF	40 holes
8-22-05	4675-4681'	4 JSPF	24 holes
8-23-05	4286-4296'	4 JSPF	40 holes

**NEWFIELD**

Ashley Federal 2-22-9-15  
914' FNL & 1784' FEL  
NW/NE Section 22-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32643; Lease #UTU-68548



## Ashley Federal 8-22-9-15

Spud Date: 04/24/06  
 Put on Production: 06/02/06  
 K.B.: 6489, G.L.: 6477

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"  
 GRADE J-55  
 WEIGHT 24#  
 LENGTH 7 jts (299 94')  
 DEPTH LANDED 311 79' KB  
 HOLE SIZE 12-1/4"  
 CEMENT DATA 160 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH 137 jts (6058 28')  
 DEPTH LANDED 6119 63' KB  
 HOLE SIZE 7-7/8"  
 CEMENT DATA 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ  
 CEMENT TOP 55'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS 177 jts (5586 7')  
 TUBING ANCHOR 5586 7' KB  
 NO OF JOINTS 2 jts (63 3')  
 SEATING NIPPLE 2-7/8" (1 10')  
 SN LANDED AT 5652 8' KB  
 NO OF JOINTS 2 jts (63 40')  
 TOTAL STRING LENGTH EOT @ 5717 3' KB

SUCKER RODS

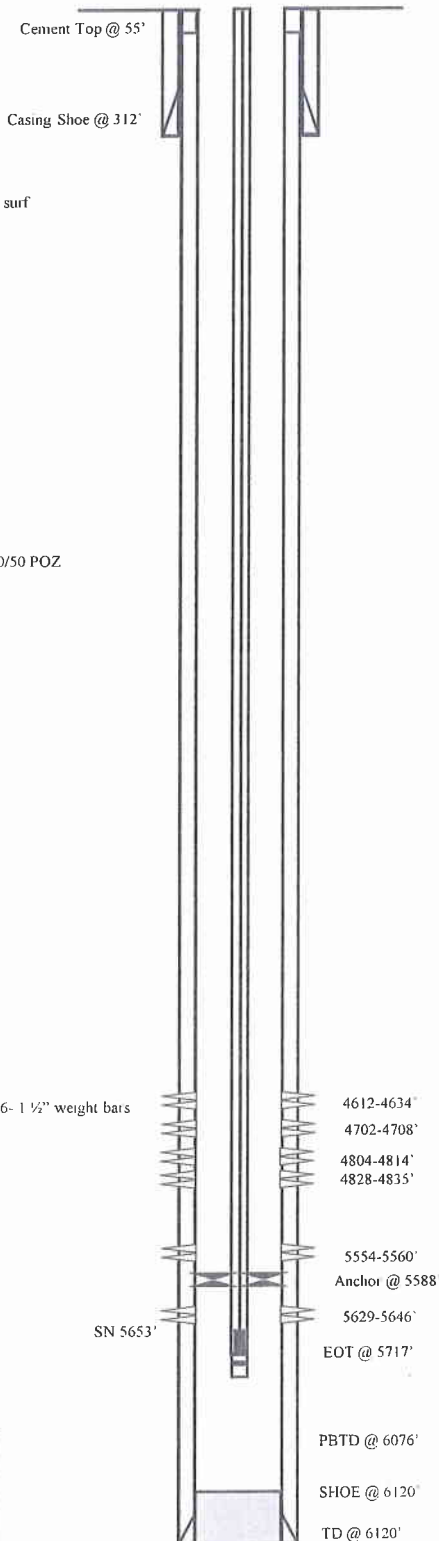
POLISHED ROD 1-1/2" x 26' SM  
 SUCKER RODS 1-2" x 3/4" pony rod, 219-3/4" guided rods, 6-1 1/2" weight bars  
 PUMP SIZE 2-1/2" x 1-1/2" x 16' x 18'  
 STROKE LENGTH 86"  
 PUMP SPEED, SPM 4.5

FRAC JOB

05/25/06	5554-5646'	<b>Frac LODC, CP2, sands as follows:</b> 66054# 20/40 sand in 522 bbls Lightning 17 frac fluid Treated @ avg press of 1772 psi w/avg rate of 25.3 BPM ISIP 2175 psi Calc flush 5644gal Actual flush 5040 gal
05/25/06	4804-4835'	<b>Frac D3, C sands as follows:</b> 59712# 20/40 sand in 468 bbls Lightning 17 frac fluid Treated @ avg press of 1963 psi w/avg rate of 25.2 BPM ISIP 2520 psi Calc flush 4833 gal Actual flush 4284 gal
05/31/06	4702-4708'	<b>Frac D1 sands as follows:</b> 19553# 20/40 sand in 289 bbls Lightning 17 frac fluid Treated @ avg press of 2515 psi w/avg rate of 25.2 BPM ISIP 2080 psi Calc flush 4706 gal Actual flush 4242 gal
05/31/06	4612-4634'	<b>Frac DS3 sands as follows:</b> 88286# 20/40 sand in 648 bbls Lightning 17 frac fluid Treated @ avg press of 2672 psi w/avg rate of 24.9 BPM ISIP 3495 psi Calc flush 4632 gal Actual flush 4536 gal
12/05/06		Pump change Update rod and tubing leak
01/18/07		Pump Change Rod & Tubing detail updated
06/21/07		Tubing Leak Update rod and tubing details
3/19/09		Pump Change Updated r & t details
6/16/09		Parted rods Updated r & t details
3/31/10		Pump change Updated rod and tubing detail

PERFORATION RECORD

05/19/06	5629-5646'	4 JSPF	68 holes
05/19/06	5554-5560'	4 JSPF	24 holes
05/25/06	4828-4835'	4 JSPF	28 holes
05/25/06	4804-4814'	4 JSPF	40 holes
05/25/06	4702-4708'	4 JSPF	24 holes
05/31/06	4612-4634'	4 JSPF	88 holes



## Ashley Federal 8-22-9-15

1813' FNL &amp; 720' FEL

SE/NE Section 8-T9S-R15E

Duchesne Co, Utah

API #43-013-32858; Lease #UTU-66185



# Ashley N-14-9-15

Spud Date: 5/13/2009  
Put on Production: 6/19/2009  
GL: 6288' KB: 6300'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (313')  
DEPTH LANDED: 325' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx class 'G' cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 159 jts (6240')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6253.01'  
CEMENT DATA: 300 sx Prem Lite and 425 sx 50/50 poz  
CEMENT TOP AT: 40'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO OF JOINTS: 187 jts (5914')  
TUBING ANCHOR: 5926' KB  
NO OF JOINTS: 1 jts (31.7')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 5960' KB  
NO OF JOINTS: 1 jt (31.8'), 3 jts (95.5')  
TOTAL STRING LENGTH: EOT @ 6095'

### SUCKER RODS

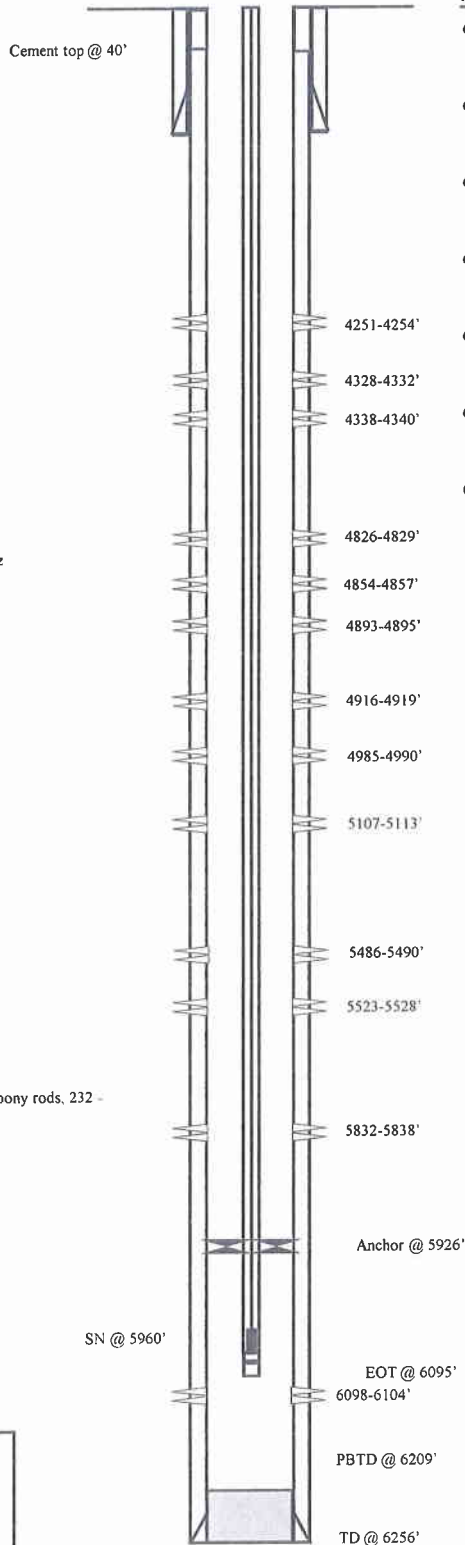
POLISHED ROD: 1 1/2" x 30'  
SUCKER RODS: 2 - 4' x 7/8", 1 - 4' x 7/8", 1 - 6' x 7/8" pony rods, 232 - 7/8" 8per guided rods, 4 - 1 1/2" weight bars  
PUMP SIZE: 2 1/2" x 1 3/4" x 20" RHAC  
STROKE LENGTH: 144"  
PUMP SPEED, SPM: 5

### FRAC JOB

6-22-09	6098-6104'	<b>Frac CP5 sands as follows:</b> Frac with 15097 #'s 20/40 sand in 127 bbls Lightning 17 fluid
6-22-09	5832-5838'	<b>Frac CP1 sands as follows:</b> Frac with 12060 #'s 20/40 sand in 126 bbls Lightning 17 fluid
6-22-09	5486-5528'	<b>Frac LODC sands as follows:</b> Frac with 50326 #'s 20/40 sand in 383 bbls Lightning 17 fluid
6-22-09	5107-5113'	<b>Frac B1 sands as follows:</b> Frac with 20213 #'s 20/40 sand in 183 bbls Lightning 17 fluid
6-22-09	4985-4990'	<b>Frac C sands as follows:</b> Frac with 15804 #'s 20/40 sand in 131 bbls Lightning 17 fluid
6-22-09	4826-4919'	<b>Frac D1, D2, &amp; D3 sands as follows:</b> Frac with 61219 #'s 20/40 sand in 365 bbls Lightning 17 fluid
6-22-09	4251-4340'	<b>Frac GB6 &amp; GB4 sands as follows:</b> Frac with 38149 #'s 20/40 sand in 302 bbls Lightning 17 fluid

### PERFORATION RECORD

6098-6104'	4 JSPF	24 holes
5832-5838'	3 JSPF	18 holes
5523-5528'	3 JSPF	15 holes
5486-5490'	3 JSPF	12 holes
5107-5113'	3 JSPF	18 holes
4985-4990'	3 JSPF	15 holes
4916-4919'	3 JSPF	9 holes
4893-4895'	3 JSPF	6 holes
4854-4857'	3 JSPF	9 holes
4826-4829'	3 JSPF	9 holes
4338-4340'	3 JSPF	6 holes
4328-4332'	3 JSPF	12 holes
4251-4254'	3 JSPF	9 holes



**NEWFIELD**



**Ashley N-14-9-15**

1986' FSL & 656' FWL

NW/SW Section 14-T9S-R15E

Duchesne Co, Utah

API # 43-013-33960; Lease # UTU-66184

LCN 9-25-09

## GMB 14-14T-9-15H

## Wellbore Diagram



Surface Location: NE/NW, Sec 16, T9S R16E

County/State: Greater Monument Butte, Duchesne County, Utah

Elevation: 5847' GL + 12' KB

API: 43-013-50242

8-5/8" Casing Shoe  
311

Casing Detail	Size	WT.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bb/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	311							Surface
Production	5-1/2"	17#	M-80	LTC	0	6,300	7,740	7,020	4,892	4,767	0.0233	7-7/8"	Port Collar: to Surface
Production	4-1/2"	11.6#	P-110	LTC	6,300	10,630	7,774	8,510	4,000	3,875	0.0155	6-1/8"	

burst &amp; collapse values are book, no additional safety factors have been applied

Tubing Detail	Size	WT.	Grade	Conn.	Length	Top	Bottom	Joints
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## TBSG DETAIL:

bullplug, 3 jts tubing, 21' cavins Desander, 2-7/8" sub, 1 jt 2-7/8" tubing, SN, 1 jt 2-7/8" tubing, TAC, and remaining 185 jts of 2-7/8" tubing. TA @ 5,835'. SN @ 5,835'. EOT @ 5,985'

NOTE on Tubing Anchor: TA (shortened inner springs &amp; beveled outer springs-4.625" OOD)

## WELLBORE FLUIDS

Lateral section fluid= +/-8.4 ppg "clean" fresh water  
Uphole annulus has 10ppg mudweight prior to cementing

10/17/11 - Tubing Leak

178 joints 5847' 4" / 1 joint 31.1 / Seating Nipple 5628' 2" / 1 joint 31.1 / Total string length 5854'

ACOS:

1 x 1/2" x 24" polish rod, 1x7/8" x 12" pony rod, 1x7/8" x 6" pony rod, 1x7/8" x 6" pony rod, 1x3/4" x 8" pony rod,

2x rod x 7/8" x 5852' 1x7/8" x 4" pony rod, 1 on/off tool 0.7' 1 Gsub 1" x 12"

UPDATED ROD &amp; TUBING INFORMATION

10/25/2011 VC

## Rod Detail

Size	Grade	Count	Length	Top	Bottom
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## Pump and Rod Detail:

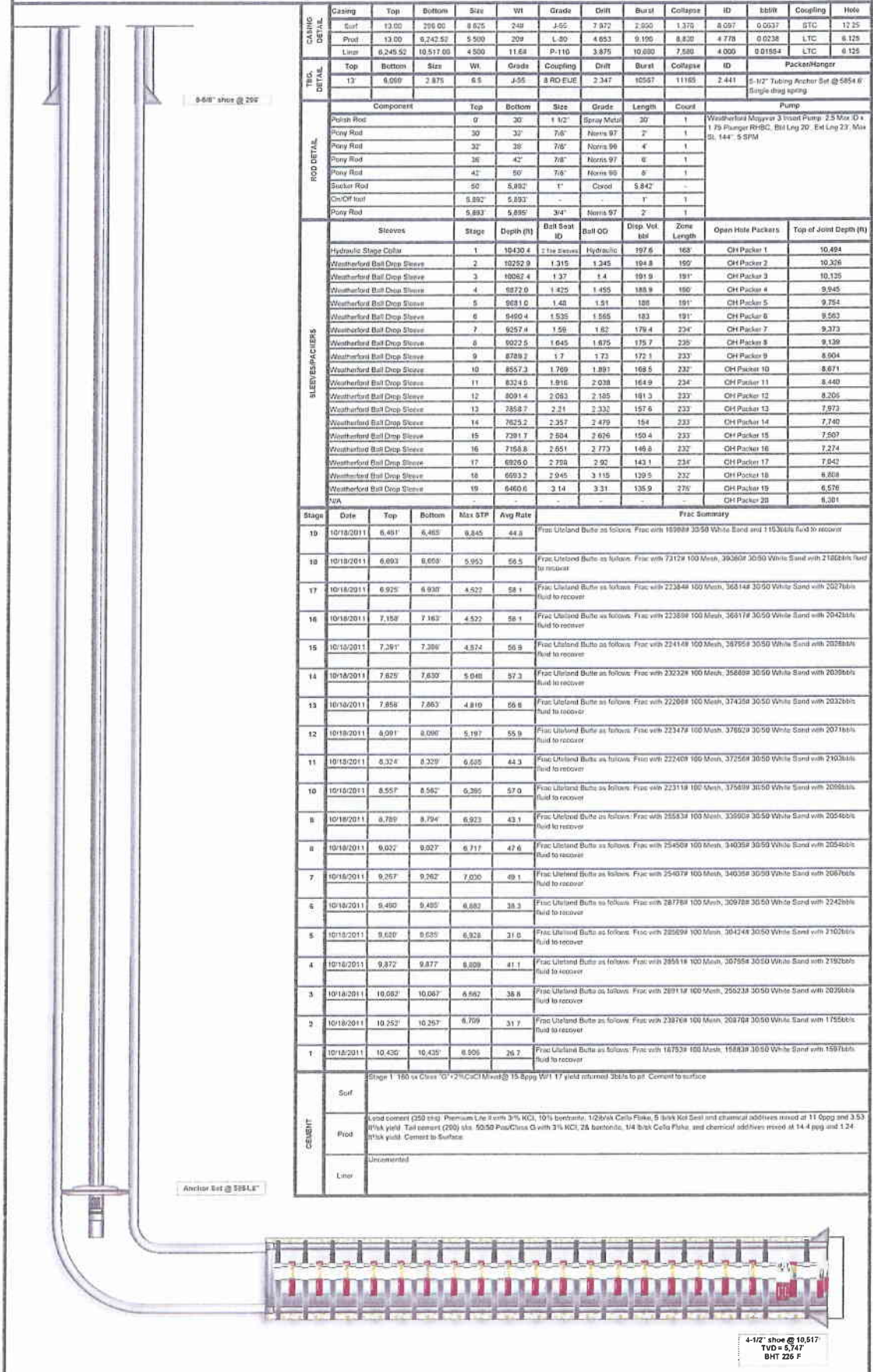
WFD MacGyver 3 pump with spring loaded cages, 2-1/2" x 1-3/4" x 22" x 25" x 29" RHBC pump x , on/off tool, 4" x 7/8" guided

rod sub, 5789' x SE 4 corod, 4,4,6,8' x 7/8" pony subs, 1 1/2" x 26" polished rod

NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.

Proposed Frac Data			Weatherford 16 Stage Zone Select frac system										Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbl/s)
	Top	Bottom													
OH swell packer 1	10,615	10,627	float collar, and casing shoe below this Fraxis swell packer, total installation at 10,630'. And Open Hole TMD = 10,650												
Stage 1	10,470	10,615	Dual Hydraulic Tool Sleeves:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	18,894	1,892	
					NA	NA	212.79	NA				30/50 mesh sand	16,833		
OH swell packer 2	10,458	10,470	Weatherford OH Fraxis water swell packer												
Stage 2	10,208	10,458	FracPort 2:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	29,646	2,798	
				10,329	1,380	1,290	269.35	0.00				30/50 mesh sand	24,042		
OH swell packer 3	10,196	10,208	Weatherford OH Fraxis water swell packer												
Stage 3	9,914	10,196	FracPort 3:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	28,332	2,267	
				10,072	1,500	1,410	265.38	0.00				30/50 mesh sand	24,517		
OH swell packer 4	9,944	9,956	Weatherford OH Fraxis water swell packer												
Stage 4	9,663	9,944	FracPort 4:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	31,584	2,235	
				9,818	1,625	1,530	201.45	0.00				30/50 mesh sand	28,064		
OH swell packer 5	9,651	9,663	Weatherford OH Fraxis water swell packer												
Stage 5	9,411	9,651	FracPort 5:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	31,484	2,127	
				9,526	1,750	1,660	186.93	0.00				30/50 mesh sand	28,619		
OH swell packer 6	9,399	9,411	Weatherford OH Fraxis water swell packer												
Stage 6	9,118	9,399	FracPort 6:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	31,270	2,181	
				9,274	1,875	1,770	193.03	0.00				30/50 mesh sand	28,568		
OH swell packer 7	9,106	9,118	Weatherford OH Fraxis water swell packer												
Stage 7	8,864	9,106	FracPort 7:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	31,477	2,969	
				8,980	2,000	1,820	188.48					30/50 mesh sand	28,888		
OH swell packer 8	8,852	8,864	Weatherford OH Fraxis water swell packer												
Stage 8	8,575	8,852	FracPort 8:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	31,566	2,147	
				8,729	2,125	2,060	194.59	0.00				30/50 mesh sand	28,279		
OH swell packer 9	8,563	8,575	Weatherford OH Fraxis water swell packer												
Stage 9	8,284	8,563	FracPort 9:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	31,379	2,449	
				8,440	2,250	2,210	180.12					30/50 mesh sand	28,754		
OH swell packer 10	8,272	8,284	Weatherford OH Fraxis water swell packer												
Stage 10	8,030	8,272	FracPort 10:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	0	1,250	
				8,147	2,375	2,360	175.58	0.00				30/50 mesh sand	4,022		
OH swell packer 11	8,018	8,030	Weatherford OH Fraxis water swell packer												
Stage 11	7,742	8,018	FracPort 11:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	29,874	2,240	
				7,897	2,500	2,500	171.72	0.00				30/50 mesh sand	28,867		
OH swell packer 12	7,730	7,742	Weatherford OH Fraxis water swell packer												
Stage 12	7,449	7,730	FracPort 12:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	31,133	2,145	
				7,605	2,625	2,650	167.20	0.00				30/50 mesh sand	28,111		
OH swell packer 13	7,437	7,449	Weatherford OH Fraxis water swell packer												
Stage 13	7,192	7,437	FracPort 13:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	31,083	2,081	
				7,213	2,750	2,800	162.88	0.00				30/50 mesh sand	28,281		
OH swell packer 14	7,180	7,192	Weatherford OH Fraxis water swell packer												
Stage 14	6,894	7,180	FracPort 14:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	31,142	2,117	
				7,056	2,875	2,950	158.70	0.00				30/50 mesh sand	28,140		
OH swell packer 15	6,882	6,894	Weatherford OH Fraxis water swell packer												
Stage 15	6,633	6,882	FracPort 15:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	36,377	2,985	
				6,737	3,000	3,148	164.07	0.00				30/50 mesh sand	40,263		
OH swell packer 16	6,621	6,633	Weatherford OH Fraxis water swell packer												
Stage 16	6,352	6,621	FracPort 16:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (AP)		100 mesh sand	52,784	3,643	
				6,485	3,125	3,340	149.86	0.00				30/50 mesh sand	61,365		
OH swell packer 17	6,345	6,352	Weatherford OH Fraxis water swell packer												
ACP packer	5,427	5,432	Weatherford Annulus Casing Packer (ACP). Hydraulically set at 2,700psi												
ACP packer	5,417	5,422	Weatherford Annulus Casing Packer (ACP). Hydraulically set at 2,700psi												
Lat Length		4,263													
Total Stim. Lateral		4,263													
Avg. Stage Length		266	*between packers												





4-1/2" shoe @ 10,517'  
TVD = 6,747'  
BHT 226 F

**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
 Well Name: **Ashley IF**  
 Sample Point: **tank**  
 Sample Date: **1 /7 /2011**  
 Sales Rep: **Monty Frost**  
 Lab Tech: **Peter Poulsen**

Sample ID: **WA-53130**

Sample Specifics	
Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0017
pH:	7.98
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	6217
Molar Conductivity (µS/cm):	9420
Resistivity (Mohm):	1.0616

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	34.57	Chloride (Cl):	3000.00
Magnesium (Mg):	18.40	Sulfate (SO₄):	10.00
Barium (Ba):	7.62	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	927.00
Sodium (Na):	2218.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	1.00
Iron (Fe):	0.32	Phosphate (PO₄):	-
Manganese (Mn):	0.02	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

### Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F  
 Gypsum Scaling Index is negative from 80°F to 300°F  
 Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
 Strontium Sulfate scaling was not evaluated  
 Barium Sulfate NO CONCLUSION

### Notes:

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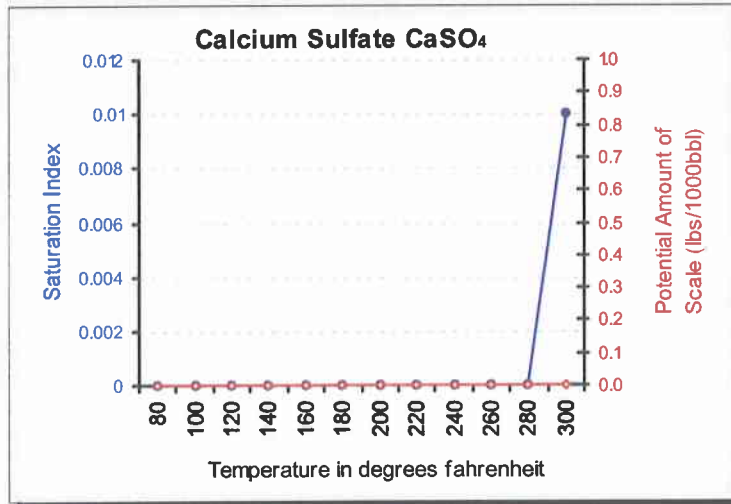
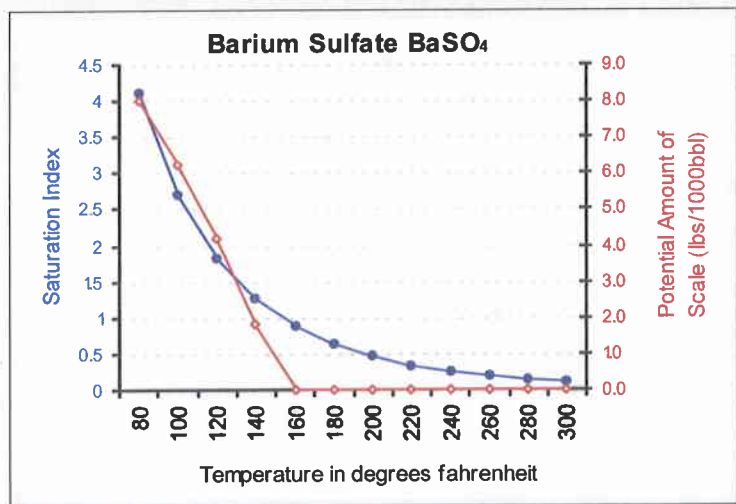
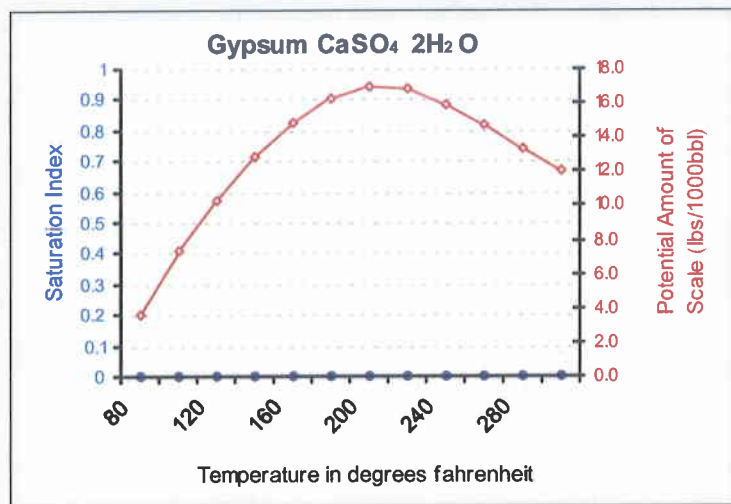
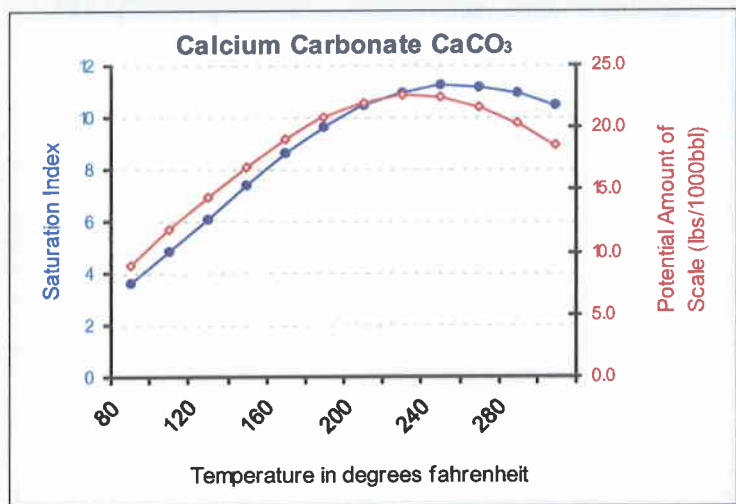
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**Scale Prediction Graphs**Well Name: **Ashley IF**Sample ID: **WA-53130**

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**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-58635**Well Name: **Ashley Federal 4-23-9-15**Sample Point: **Treater**Sample Date: **5 /16/2011**Sales Rep: **Darren Betts**Lab Tech: **John Keel**

Sample Specifics	
Test Date:	6/3/2011
Temperature (°F):	70
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0100
pH:	8.1
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	13676
Molar Conductivity (µS/cm):	20721
Resistivity (Mohm):	0.4826

Analysis @ Properties in Sample Specifics			
Cations		mg/L	Anions
Calcium (Ca):		17.00	Chloride (Cl):
Magnesium (Mg):		10.40	Sulfate (SO₄):
Barium (Ba):		6.80	Dissolved CO₂:
Strontium (Sr):		-	Bicarbonate (HCO₃):
Sodium (Na):		5048.00	Carbonate (CO₃):
Potassium (K):		-	H₂S:
Iron (Fe):		0.30	Phosphate (PO₄):
Manganese (Mn):		0.03	Silica (SiO₂):
Lithium (Li):		-	Fluoride (F):
Aluminum (Al):		-	Nitrate (NO₃):
Ammonia NH₃:		-	Lead (Pb):
			Zinc (Zn):
			Bromine (Br):
			Boron (B):

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
70		2.38	11.79	0.00	-2625.60	0.00	-3021.20	-	-	2.89	5.39	0.49
80	0	2.85	14.46	0.00	-2650.60	0.00	-2977.60	-	-	2.29	4.44	0.16
100	0	3.83	18.66	0.00	-2671.70	0.00	-2804.60	-	-	1.55	2.55	0.21
120	0	4.81	21.33	0.00	-2482.80	0.00	-2548.20	-	-	1.10	0.63	0.24
140	0	5.74	22.88	0.00	-2292.20	0.00	-2244.70	-	-	0.80	-1.50	0.28
160	0	6.51	23.47	0.00	-2134.30	0.00	-1925.50	-	-	0.59	-3.87	0.33
180	0	7.03	23.43	0.00	-2003.10	0.00	-1614.30	-	-	0.44	-6.49	0.38
200	0	7.24	23.04	0.00	-1894.30	0.00	-1327.10	-	-	0.33	-9.39	0.39
220	2.51	7.09	22.49	0.00	-1825.60	0.00	-1085.50	-	-	0.25	-12.87	0.41
240	10.3	6.74	21.68	0.00	-1754.00	0.00	-866.16	-	-	0.19	-16.51	0.43
260	20.76	6.23	20.55	0.00	-1696.70	0.00	-682.32	-	-	0.15	-20.55	0.45
280	34.54	5.61	19.00	0.00	-1652.60	0.00	-531.40	-	-	0.11	-25.07	0.47
300	52.34	4.97	17.04	0.00	-1620.60	0.00	-409.56	-	-	0.09	-30.13	0.49

**Conclusions:**

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

**Notes:**

P=1.2

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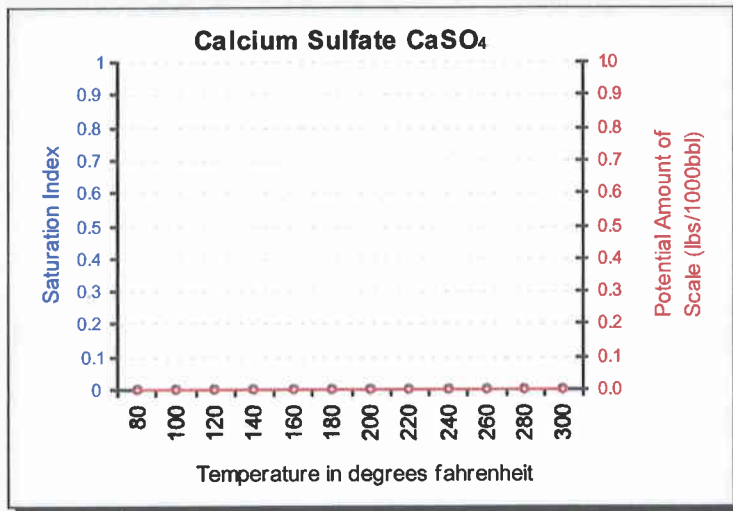
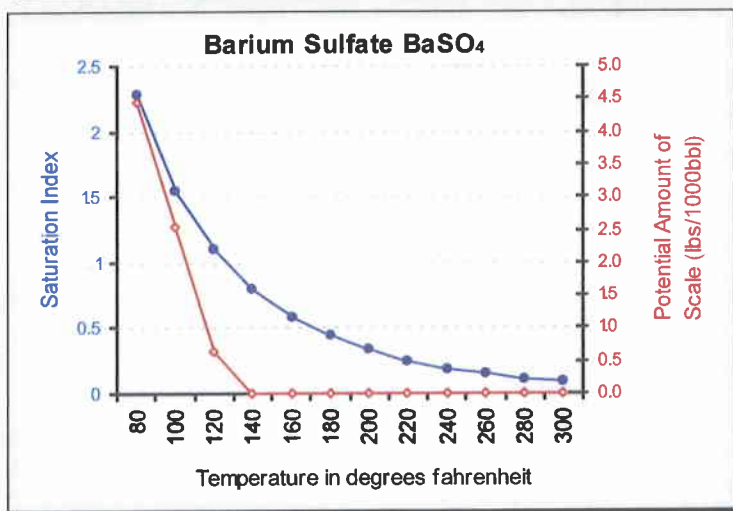
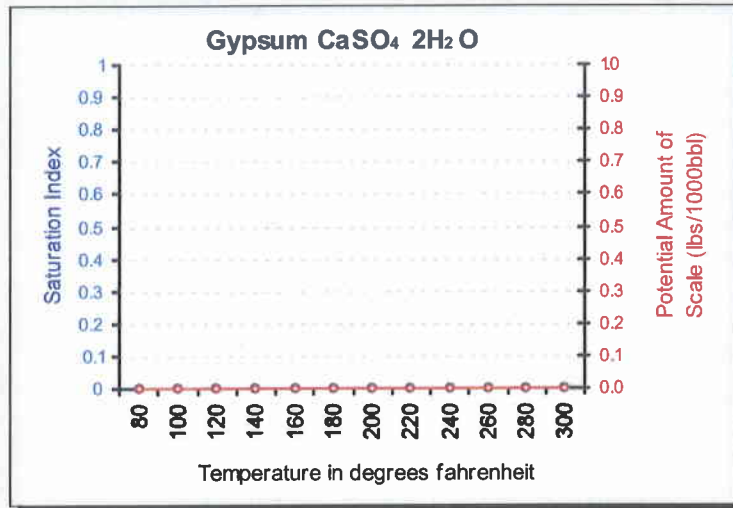
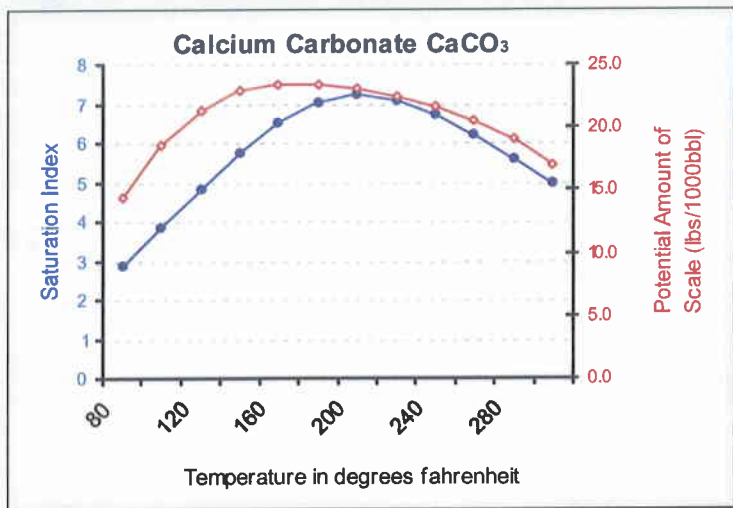
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**Scale Prediction Graphs**Well Name: **Ashley Federal 4-23-9-15**Sample ID: **WA-58635**

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**Attachment "G"**

**Ashley Federal #4-23-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient	Pmax
Top	Bottom			(psi/ft)	
5835	5852	5844	2350	0.84	2312
5572	5586	5579	1850	0.77	1814 ←
5461	5470	5466	2350	0.86	2315
5014	5023	5019	3350	1.10	3317
4684	4695	4690	2030	0.87	2000
				<b>Minimum</b>	<u>1814</u>

**Calculation of Maximum Surface Injection Pressure**

Pmax = (Frac Grad -(0.433\*1.015)) x Depth of Top Perf  
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

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**WELL NAME:** Ashley Federal 4-23-9-15 **Report Date:** Sept. 28, 2005 **Day:** 01  
**Operation:** Completion **Rig:** Rigless

Surf Csg: 8 5/8 @ 312' Prod Csg: 5 1/2" @ 5949' Csg PBTD: 5871' WL  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<b>CP 5</b>	<b>5835- 5852'</b>	<b>4/68</b>			

**Date Work Performed:**      **Sept. 27, 2005**      **SITP:**      **SICP:**      **0**

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators WLT w/ mast & run CBL under pressure. WLTD @ 5871' & cmt top @ 225' Perforate stage #1 W/ 4" ported gun as follows: CP5 sds @ 5835- 52' W/ 4 JSPF in 1 run for a total of 68 holes. SIFN W/ est 141 BWTR.

<b>Starting fluid load to be recovered:</b>	<b>141</b>	<b>Starting oil rec to date:</b>	
<b>Fluid lost/recovered today:</b>	<b>0</b>	<b>Oil lost/recovered today:</b>	
<b>Ending fluid to be recovered:</b>	<b>141</b>	<b>Cum oil recovered:</b>	
<b>IFL:</b>	<b>FFL:</b>	<b>FTP:</b>	<b>Choke:</b>
			<b>Final Fluid Rate:</b>
			<b>Final oil cut:</b>

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Procedure or Equipment detail: \_\_\_\_\_

Weatherford BOP	\$140
NPC NU crew	\$300
NDSI trucking	\$1,400
Drilling cost	\$267,413
Zubiate HO trk	\$340
Location preparation	\$300
Admin. Overhead	\$3,000
Benco Anchors	\$1,200
NPC wellhead	\$1,500
Perforators - CBL/perf	\$6,249
NPC supervision	\$300

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_  
 Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_  
 ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_

**Completion Supervisor: Orson Barney**

DAILY COST:	\$282,142
TOTAL WELL COST:	\$282,142

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2 of 10

WELL STATUS									
Surf Csg:	8 5/8	@	312'	Prod Csg:	5 1/2"	@	5949'	Csg PBTD:	5871' WL
Tbg:	Size:		Wt:	Grd:	Pkr/EOT @:			BP/Sand PBTD:	

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<b>CP 5</b>	<b>5835- 5852'</b>	<b>4/68</b>			

**Date Work Performed:**      **Oct. 5, 2005**      **SITP:**      **SICP:**      **24**

RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1, CP5 sds down casing w/ 120,429#s of 20/40 sanc in 857 bbls of Lightning 17 frac fluid. Open well w/ 24 psi on casing. Perfs broke down @ 2535 psi, back to 1119 psi Treated @ ave pressure of 1890 w/ ave rate of 25.1 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL acid on perfs for next stage. ISIP was 2350. 998 bbls EWTR. Leave pressure on well. **See day2b.**

Starting fluid load to be recovered:	<u>141</u>	Starting oil rec to date:	<u>                    </u>
Fluid <u>lost</u> /recovered today:	<u>857</u>	Oil lost/recovered today:	<u>                    </u>
Ending fluid to be recovered:	<u>998</u>	Cum oil recovered:	<u>                    </u>
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services  
Procedure or Equipment detail: CP5 sds down casing

Flush w/ 5838 gals of slick water

**Completion Supervisor: Ron Shuck**

<u>Weatherford BOP</u>	<u>\$50</u>
<u>Weatherford Services</u>	<u>\$750</u>
<u>Betts frac water</u>	<u>\$1,728</u>
<u>NPC fuel gas</u>	<u>\$324</u>
<u>BJ Services CP5 sds</u>	<u>\$31,825</u>
<u>NPC Supervisor</u>	<u>\$50</u>

**TOTAL WELL COST:           \$316,869**

**WELL NAME:** Ashley Federal 4-23-9-15 **Report Date:** Oct. 6, 2005 **Day:** 2b  
**Operation:** Completion **Rig:** Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 312' Prod Csg: 5 1/2" @ 5949' Csg PBTD: 5871' WL  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5690'

## PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
CP1 sds	5572-5586'	4/56			
CP 5	5835- 5852'	4/68			

## CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Oct. 5, 2005 **SITP:** **SICP:** 1730

**Day2b.**

RU Black Warrior WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow through frac plug & 14' per gun. Set plug @ 5690'. Perforate CP1 sds @ 5572-5586' w/ 4" Port Guns ( 19 gram, .41"HE, 120 ) w/ 4 spf for total of 56 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs, RU BJ & frac stage #2 w/ 59,862#'s of 20/40 sand in 496 bbls of Lightning 17 frac fluid. Open well w/ 1730 psi on casing. Perfs broke down @ 3580 psi, back to 1461 psi. Treated @ ave pressure of 1493 w/ ave rate of 25.1 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL acid on perfs for next stage. ISIP was 1850. 1494 bbls EWTR. Leave pressure on well. **See day2c.**

## FLUID RECOVERY (BBLS)

<b>Starting fluid load to be recovered:</b>	<u>998</u>	<b>Starting oil rec to date:</b>	<u>                    </u>
<b>Fluid lost/recovered today:</b>	<u>496</u>	<b>Oil lost/recovered today:</b>	<u>                    </u>
<b>Ending fluid to be recovered:</b>	<u>1494</u>	<b>Cum oil recovered:</b>	<u>                    </u>
<b>IFL:</b>	<b>FFL:</b>	<b>FTP:</b>	<b>Choke:</b>
			<b>Final Fluid Rate:</b>
			<b>Final oil cut:</b>

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services  
Procedure or Equipment detail: CP1 sds down casing

## **COSTS**

Weatherford BOP	\$50
Weatherford Services	\$2,200
Betts frac water	\$864
NPC fuel gas	\$162
BJ Services CP1 sds	\$14,551
NPC Supervisor	\$50
BWWC CP1 sds	\$4,700

4620 gals of pad

3000 gals w/ 1-5 ppg of 20/40 sand

6000 gals w/ 5-8 ppg of 20/40 sand

1374 gals w/ 8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 5628 gals of slick water

**\*\*Flush called @ blender to include 2 bbls pump/line volume\*\***

**Max TP: 1825    Max Rate:    25.3    Total fluid pmpd:    496 bbls**

**Avg TP: 1493   Avg Rate: 25.1   Total Prop pmpd: 59,862#'s**

**ISIP: 1850      5 min:      10 min:      FG: .84**

**Completion Supervisor: Ron Shuck**

**DAILY COST:** \$22,577

**TOTAL WELL COST: \$339,446**

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 4-23-9-15

Report Date: Oct. 6, 2005

Day: 2c

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 312'

Prod Csg: 5 1/2" @ 5949'

Csg PBTD: 5871' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 5530'

Plug 5690'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5461-5470'	4/36			
CP1 sds	5572-5586'	4/56			
CP 5	5835- 5852'	4/68			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 5, 2005

SITP: SICP: 1355

Day2c.

RU WLT. RIH w/ frac plug & 9' perf gun. Set plug @ 5530'. Perforate LODC sds @ 5461-5470' w/ 4 spf for total of 36 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs, RU BJ & frac stage #3 w/ 40,377#'s of 20/40 sand in 389 bbls of Lightning 17 frac fluid. Open well w/ 1355 psi on casing. Perfs broke down @ 2545 psi, back to 2000 psi. Treated @ ave pressure of 1710 w/ ave rate of 25.1 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL acid on perfs for next stage. ISIP was 2350. 1883 bbls EWTR. Leave pressure on well. See day2d.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1494

Starting oil rec to date:

Fluid lost/recovered today: 389

Oil lost/recovered today:

Ending fluid to be recovered: 1883

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: LODC sds down casing

3192 gals of pad

2500 gals w/ 1-5 ppg of 20/40 sand

4976 gals w/ 5-8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 5460 gals of slick water

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## COSTS

Weatherford BOP \$50

Weatherford Services \$2,200

Betts frac water \$576

NPC fuel gas \$108

BJ Services LODCsds \$11,318

NPC Supervisor \$50

BWWC LODC sds \$4,700

\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*

Max TP: 2000 Max Rate: 25.3 Total fluid pmpd: 389 bbls

Avg TP: 1710 Avg Rate: 25.1 Total Prop pmpd: 40,377#'s

ISIP: 2350 5 min: 10 min: FG: .86

Completion Supervisor: Ron Shuck

DAILY COST: \$19,002

TOTAL WELL COST: \$358,448

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 4-23-9-15

Report Date: Oct. 6, 2005

Day: 2d

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 312'

Prod Csg: 5 1/2" @ 5949'

Csg PBTD: 5871' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 5220'

Plug 5690' 5530'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	5014-5023'	4/36			
LODC sds	5461-5470'	4/36			
CP1 sds	5572-5586'	4/56			
CP 5	5835- 5852'	4/68			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 5, 2005

SITP: SICP: 1330

Day 2d.

RU WLT. RIH w/ frac plug & 9' perf gun. Set plug @ 5220'. Perforate A1 sds @ 5014-5023' w/ 4 spf for total of 36 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs, RU BJ & frac stage #4 w. 40,727#s of 20/40 sand in 409 bbls of Lightning 17 frac fluid. Open well w/ 1330 psi on casing. Perfs broke down @ 3374 psi, back to 1550 psi. Treated @ ave pressure of 2475 w/ ave rate of 27.8 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL acid on perfs for next stage. ISIP was 3350. 2292 bbls EWTR. Leave pressure on well. See day 2e.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1883

Starting oil rec to date:

Fluid lost/recovered today: 409

Oil lost/recovered today:

Ending fluid to be recovered: 2292

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 sds down casing

## COSTS

Weatherford BOP	\$50
Weatherford Services	\$2,200
Betts frac water	\$576
NPC fuel gas	\$108
BJ Services A1 sds	\$18,935
NPC Supervisor	\$50
BWWC A1 sds	\$4,700

4368 gals of pad

2500 gals w/ 1-5 ppg of 20/40 sand

5102 gals w/ 5-8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 4998 gals of slick water

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\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*

Max TP: 2650 Max Rate: 30.8 Total fluid pmpd: 409 bbls

Avg TP: 2475 Avg Rate: 27.8 Total Prop pmpd: 40,727#s

ISIP: 3350 5 min: 10 min: FG: 1.1

Completion Supervisor: Ron Shuck

DAILY COST: \$26,619

TOTAL WELL COST: \$385,067





## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 4-23-9-15

Report Date: Oct. 6, 2005

Day: 2e

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 312'

Prod Csg: 5 1/2" @ 5949'

Csg PBTD: 5871' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 4890'

Plug 5690' 5530' 5220'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4786-4793'	4/28			
A1 sds	5014-5023'	4/36			
LODC sds	5461-5470'	4/36			
CP1 sds	5572-5586'	4/56			
CP 5	5835- 5852'	4/68			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 5, 2005

SITP: SICP: 1975

Day2d.

RU WLT. RIH w/ frac plug & 7' perf gun. Set plug @ 4890'. Perforate C sds @ 4786-4793' w/ 4 spf for total of 28 shots. RU BJ & frac stage #5 w/ 29,853#'s of 20/40 sand in 321 bbls of Lightning 17 frac fluid. Open well w/ 1975 ps on casing. Perfs broke down @ 4010 psi, back to 2300 psi. Treated @ ave pressure of 2485 w/ ave rate of 27.5 bpr w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL acid on perfs for next stage. Screened out frac w/ 3150#'s of sand in casing, 13 bbls left in flush, w/ 7.7# sand on perfs, 504' of sand. Flow well back. Well flowed for 2.5 hours & died w/ 200 bbls rec'd. bbls EWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2613

Starting oil rec to date:

Fluid lost/recovered today: 200

Oil lost/recovered today:

Ending fluid to be recovered: 2413

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: C sds down casing

## COSTS

Weatherford BOP	\$90
Weatherford Services	\$2,200
Betts frac water	\$432
NPC fuel gas	\$81
BJ Services A1 sds	\$9,685
NPC Supervisor	\$90
BWWC A1 sds	\$4,700

3360 gals of pad

1875 gals w/ 1-5 ppg of 20/40 sand

3795 gals w/ 5-8 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 4242 gals of slick water

Screened out frac w/ 13 bbls left in flush, 26,713#'s in perfs

\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*

Max TP: 2520 Max Rate: 30.1 Total fluid pmpd: 321 bbls

Avg TP: 2485 Avg Rate: 27.5 Total Prop pmpd: 29,853#'s

ISIP: 4000 5 min: 10 min: FG: NA

Completion Supervisor: Ron Shuck

DAILY COST: \$17,278

TOTAL WELL COST: \$402,345

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## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 4-23-9-15

Report Date: Oct. 7, 2005

Day: 3

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 312'

Prod Csg: 5 1/2" @ 5949'

Csg PBTD: 5871' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD: 4720'

Plug 5690' 5530' 5220' 4890'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4684-4695'	4/44			
C sds	4786-4793'	4/28			
A1 sds	5014-5023'	4/36			
LODC sds	5461-5470'	4/36			
CP1 sds	5572-5586'	4/56			
CP 5	5835- 5852'	4/68			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 6, 2005

SITP: SICP: 260

RU WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 4720'. Perforate D2 sds @ 4684-4695' w/ 4 spf for total of 44 shots. RU BJ & frac stage #5 w/ 46,269#'s of 20/40 sand in 403 bbls of Lightning 17 frac fluid. Open well w/ 260 ps on casing. Perfs broke down @ 4180 psi, back to 1765 psi. Treated @ ave pressure of 1810 w/ ave rate of 25.1 bppr w/ up to 8 ppg of sand. ISIP was 2030. RD BJ & WLT. Flow well back. Well flowed for 2 hours & died w/ 150 bbls rec'd. 2666 bbls EWTR. SIFN.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2816

Starting oil rec to date:

Fluid lost/recovered today: 150

Oil lost/recovered today:

Ending fluid to be recovered: 2666

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: D2 sds down casing

3654 gals of pad

2500 gals w/ 1-5 ppg of 20/40 sand

6194 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 4578 gals of slick water

## COSTS

Weatherford BOP	\$140
Weatherford Services	\$2,950
Betts frac water	\$576
NPC fuel gas	\$108
BJ Services D2 sds	\$10,898
NPC Supervisor	\$300
BWWC D2 sds	\$7,330
Betts water transfer	\$400

Max TP: 2065 Max Rate: 25.3 Total fluid pmpd: 403 bbls

Avg TP: 1810 Avg Rate: 25.1 Total Prop pmpd: 46,269#'s

ISIP: 2030 5 min: 10 min: FG: .87

Completion Supervisor: Ron Shuck

DAILY COST: \$22,702

TOTAL WELL COST: \$425,047



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## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 4-23-9-15

Report Date: Oct. 11, 2005

Day: 4

Operation: Completion

Rig: NC #3

## WELL STATUS

Surf Csg: 8 5/8 @ 312' Prod Csg: 5 1/2" @ 5949' Csg PBTD: 5871' WL  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 4662' BP/Sand PBTD: 4720'  
 Plug 5690' 5530' 5220' 4890'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4684-4695'	4/44			
C sds	4786-4793'	4/28			
A1 sds	5014-5023'	4/36			
LODC sds	5461-5470'	4/36			
CP1 sds	5572-5586'	4/56			
CP 5	5835- 5852'	4/68			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 10, 2005

SITP: SICP: 125

MIRU NC #3. Bleed pressure off well. Rec est 20 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4485'. Tbg displaced 11 BW on TIH. RU power swivel. C/O sd to composite bridge plug @ 4720'. Power swivel failure. Circ hole clean W/ no fluid loss. Pull EOT to 4662'. SIFN W/ est 2635 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2666 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 31 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 2635 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

## STIMULATION DETAIL

Base Fluid used: Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail: \_\_\_\_\_

## COSTS

NC #3 rig	\$4,458
Weatherford BOP(X2)	\$280
Zubiate trucking	\$1,200
NDSI wtr & truck	\$400
Unichem chemicals	\$300
NPC trucking	\$300
Weatherford swivel	\$750
NPC sfc equipment	\$120,000
R & T labor/welding	\$13,600
Mt. West sanitation	\$520
Monks pit reclaim	\$1,800
NPC location cleanup	\$300
NPC supervision	\$300
<b>DAILY COST:</b>	<b>\$144,208</b>
<b>TOTAL WELL COST:</b>	<b>\$569,255</b>

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Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_  
 Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_  
 ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_

Completion Supervisor: Gary Dietz

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## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 4-23-9-15

Report Date: Oct. 12, 2005

Day: 5

Operation: Completion

Rig: NC #3

## WELL STATUS

Surf Csg: 8 5/8 @ 312' Prod Csg: 5 1/2" @ 5949' Csg PBTD: 5903'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5812' BP/Sand PBTD: 5903'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4684-4695'	4/44			
C sds	4786-4793'	4/28			
A1 sds	5014-5023'	4/36			
LODC sds	5461-5470'	4/36			
CP1 sds	5572-5586'	4/56			
CP 5	5835- 5852'	4/68			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 11, 2005

SITP: 0 SICP: 0

TIH W/ bit & tbg f/ 4662'. Tag plug @ 4720'. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): plug @ 4720' in 32 minutes; sd @ 4850', plug @ 4890' in 37 minutes; sd @ 5211', plug @ 5220' in 27 minutes; sd @ 5500', plug @ 5530' in 30 minutes; sd @ 5680', plug @ 5690' in 24 minutes. Con' swivelling jts in hole. Tag fill @ 5840'. Drill plug remains & sd to PBTD @ 5903'. Circ hole clean W/ 20 BW lost during cleanout. RD swivel. Pull EOT to 5812'. RU swab equipment. IFL @ sfc. Made 14 swb runs rec 157 BTF W/ ligh gas, tr oil & no sand. FFL @ 1000'. SIFN W/ est 2498 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2635 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 137 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 2498 Cum oil recovered: \_\_\_\_\_  
 IFL: sfc FFL: 1000' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: tr

## STIMULATION DETAIL

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail: \_\_\_\_\_

## COSTS

NC #3 rig	\$4,944
Weatherford BOP	\$140
Weatherford swivel	\$750
Aztec - new J55 tbg	\$28,665
RNI wtr disposal	\$3,000
CDI TA	\$525
CDI SN	\$80
NPC supervision	\$300

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Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_

Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_

ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_

Completion Supervisor: Gary Dietz

DAILY COST: \$38,404

TOTAL WELL COST: \$607,659

**WELL NAME:** Ashley Federal 4-23-9-15      **Report Date:** Oct. 13, 2005      **Day:** 6  
**Operation:** Completion      **Rig:** NC #3

## WELL STATUS

Surf Csg:	<u>8 5/8</u>	@	<u>312'</u>	Prod Csg:	<u>5 1/2"</u>	@	<u>5949'</u>	Csg PBDT:	<u>5903'</u>
Tbg:	Size: <u>2 7/8</u>	Wt:	<u>6.5#</u>	Grd:	<u>J-55</u>	Anchor @:	<u>5752'</u>	BP/Sand PBDT:	<u>5903'</u>

## PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
D2 sds	4684-4695'	4/44			
C sds	4786-4793'	4/28			
A1 sds	5014-5023'	4/36			
LODC sds	5461-5470'	4/36			
CP1 sds	5572-5586'	4/56			
CP 5	5835- 5852'	4/68			

## CHRONOLOGICAL OPERATIONS

**Date Work Performed:**      **Oct. 12, 2005**      **SITP:** 50      **SICP:** 50

Bleed gas off well. TIH W/ tbg. Tag sd @ 5896' (7' new fill). C/O sd to PBDT @ 5903'. Circ hole W/ clean wtr. Lost est 45 BW & rec 5 BO. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CD 5 1/2" TA (45K) & 181 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5752' W/ SN @ 5786' & EOT @ 5849'. Land tbg W/ 15,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows; new CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2' weight rods, 10-3/4" scraped rods, 115-3/4" plain rods, 99-3/4" scraped rods, 1-8', 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 22 polished rod. Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit tc 800 psi. Good pump action. RDMOSU. Est 2544 BWTR.

**Place well on production @ 6:30 PM 10/12/2005 W/ 76" SL @ 5 SPM.**

## FINAL REPORT!!

## FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: <u>2498</u>			Starting oil rec to date: <u>0</u>		
Fluid <del>lost</del> /recovered today: <u>46</u>			Oil <del>lost</del> /recovered today: <u>5</u>		
Ending fluid to be recovered: <u>2544</u>			Cum oil recovered: <u>5</u>		
IFL:	FFL:	FTP:	Choke:	Final Fluid Rate:	Final oil cut:

## TUBING DETAIL

### ROD DETAIL

## COSTS

			NC #3 rig	\$4,025
KB	12.00'	1 1/2" X 22' polished rod	Weatherford BOP	\$140
181	2 7/8 J-55 tbg (5739.79')	1-2', 1-6' & 1-8' X 3/4" ponies	NPC trucking	\$300
	TA (2.80' @ 5751.79' KB)	99-3/4" scraped rods	Zubiate HO trk	\$350
1	2 7/8 J-55 tbg (31.78')	115-3/4" plain rods	CDI rod pump	\$1,325
	SN (1.10' @ 5786.37' KB)	10-3/4" scraped rods	"A" grade rod string	\$11,565
2	2 7/8 J-55 tbg (61.46')	6-1 1/2" weight rods	NPC frac tks(8X6 dys)	\$1,920
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15'	NPC swb tk (3 days)	\$120
EOT	5849.38' W/ 12' KB	RHAC pump W/ SM plunger	NPC frac head	\$500
			NPC supervision	\$300

RECORD

**Completion supervisor:** **Gary Dietz**

OCT 26 2011

DAILY COST:	\$20,545
TOTAL WELL COST:	\$628,204

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4634'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 179' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" cement down 5 ½" casing to 363'

The approximate cost to plug and abandon this well is \$42,000.

Ashley Federal #4-23-9-15

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## Ashley Federal 4-23-9-15

Spud Date: 7/6/05  
Put on Production: 10/12/05  
GL: 6277' KB: 6289'

Initial Production: BOPD,  
MCFD, BWPD

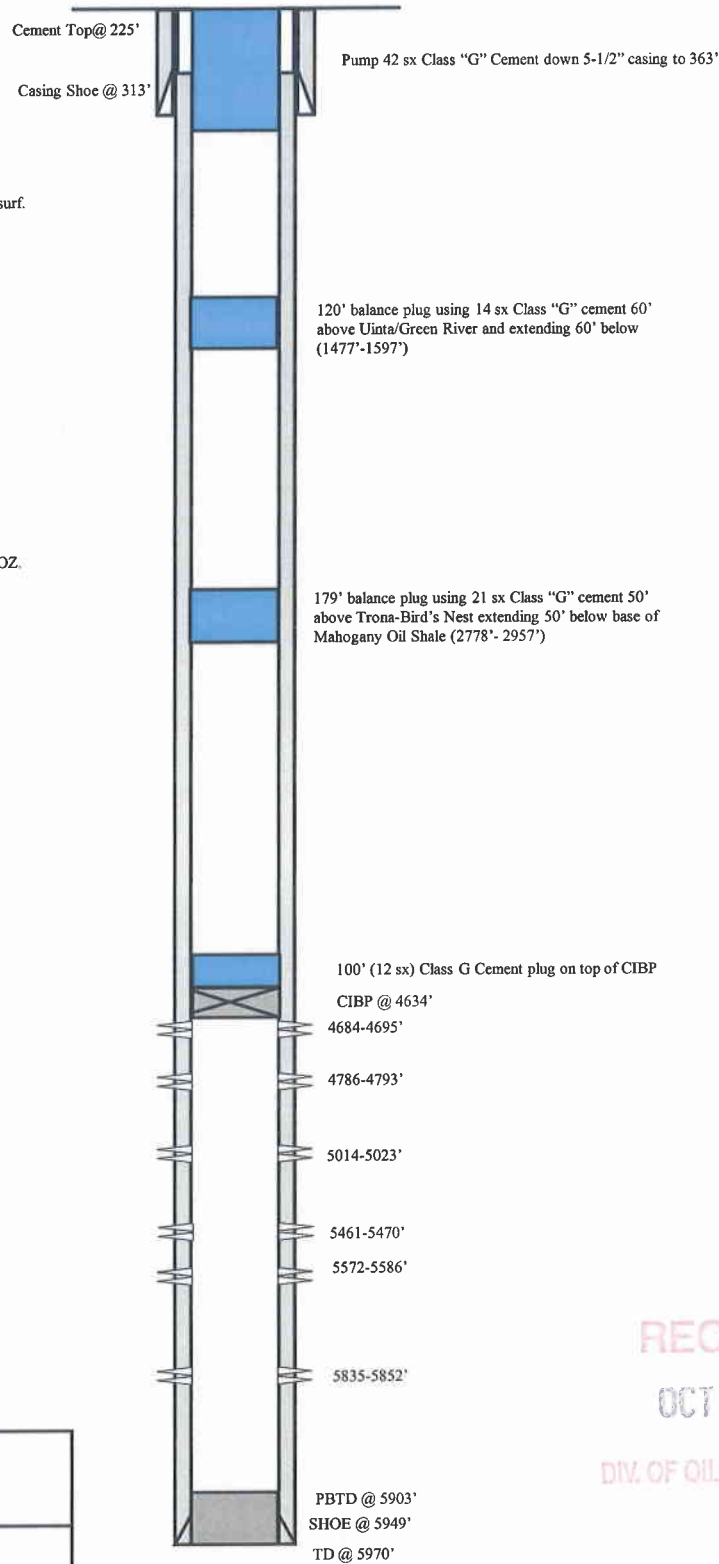
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.87')  
DEPTH LANDED: 312.87' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts. (5950.91')  
DEPTH LANDED: 5948.91' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 225'



**NEWFIELD**

Ashley Federal 4-23-9-15  
575' FNL & 683' FWL  
NW/NW Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32736; Lease #UTU-68548

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
575 FNL 683 FWL  
NWNW Section 23 T9S R15E

5. Lease Serial No.

USA UTU-68548

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
GMBU

8. Well Name and No.

ASHLEY FEDERAL 4-23-9-15

9. API Well No.

4301332736

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

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I hereby certify that the foregoing is true and correct (Printed/ Typed)

Title

Regulatory Technician

Signature

Date

10/21/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)